University of I	North Ca	arolina					Larry Lane						
	1 44		9201 University City Blv	9201 University City Blvd.				704-687-2122					
at Cha	arlotte		Charlotte	NC	28233	]	lblane@uncc.e	<u>du</u>					
Fleet Information			Fuel In	formation			Fueling Infrastructure						
Total Leased Vehicles		31	State Titled	Vehicles Onl	y		Location	Age	Size	Fuel			
Total County Titled Veh	nicles	0	Fuel Type	Gallons	Pet. Eqv.		Campus	13	10000	Gas			
Total State Titled Vehic	les	104	Gasoline	40,000	40,000		Campus	13	250	Diesel			
Total Other Vehicles		165	E10	0	-								
			E85	0	-								
Breakdown of State	Titled Vehic	les Only	Diesel	0	-								
Vehicle Type	Quantity	Miles	Off-road Diesel	0	-								
Gasoline Only	91	323,000	B5	0	-								
Diesel	0	-	B20	0	-								
Hybrids	0	-	B100	0	-								
Flex-fueled Vehicles	2	7,000	CNG	0	-								
Comp Natural Gas	0	-	Propane	0	-								
Propane	0	-	Other	0	-								
Electric	11	11,000		Quarts									
Other	0	-	Petroleum Motor Oils	1,872	468								
10% Eligible	0	-	Syn & Rec Motor Oils	0	-	_							
Totals	104	341,000		Total	40,468								
adj +9% for growth	113	371,690	adj +9% for growth		44,110								
Instructions													
Instructions			Notes/Comments				Potenti	al for Biof	uels Expa	nsion			
Instructions Fill out all information (exce	ption - miles if	N/A)	Notes/Comments				Potentia Location	al for Biof Space	uels Expa Tk Size	nsion Fuel			
<b>Instructions</b> Fill out all information (exce Complete with data from fisc	ption - miles if cal year 2004-2	N/A) 005	Notes/Comments Mileage estimated based	on number of			Potentia Location Campus	al for Biof Space	uels Expa Tk Size	nsion Fuel E85			
<b>Instructions</b> Fill out all information (exce Complete with data from fisc Please note if fuel includes n	ption - miles if cal year 2004-2 nore than State	N/A) 005 Vehicles	Notes/Comments Mileage estimated based vehicles and total mileage	on number of e of 341,000			Potentia Location Campus Campus	al for Biof Space	uels Expa Tk Size	nsion Fuel E85 B20			
<b>Instructions</b> Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl	ption - miles if cal year 2004-2 nore than State y once in the b	N/A) 005 Vehicles reakdown,	Notes/Comments Mileage estimated based vehicles and total mileag	on number of e of 341,000			Potentia Location Campus Campus	al for Biof Space	uels Expa Tk Size	nsion Fuel E85 B20			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles	N/A) 005 Vehicles reakdown,	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not	on number of e of 341,000 able to distin	guish		Potentia Location Campus Campus	al for Biof Space	uels Expa Tk Size	nsion Fuel E85 B20			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme	N/A) 005 Vehicles reakdown, ergency	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state vehicles	on number of e of 341,000 able to disting ehicles only.	guish A better		Potentia Location Campus Campus	al for Biof Space	uels Expa Tk Size	nsion Fuel E85 B20			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme nicles must have	N/A) 005 Vehicles reakdown, ergency e	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state very system is now in place, b	on number of e of 341,000 able to distin, ehicles only. aseline may n	guish A better eed		Potentia Location Campus Campus	al for Biof Space	uels Expa Tk Size	nsion Fuel E85 B20			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications for	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme nicles must have r instructional p	N/A) 005 Vehicles reakdown, ergency e purposes	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state very system is now in place, b to be adjusted based on restance of the system is now in place.	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting	guish A better eed		Potentia Location Campus Campus	al for Biof Space	uels Expa Tk Size	nsion Fuel E85 B20			
<b>Instructions</b> Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications for	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme nicles must have r instructional p	N/A) 005 Vehicles reakdown, ergency e purposes	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state versystem is now in place, b to be adjusted based on restance of the system of the	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting	guish A better eed		Potentia Location Campus Campus	al for Biof Space	uels Expander Size	nsion Fuel E85 B20			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications fo	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme hicles must have r instructional p	N/A) 005 Vehicles reakdown, ergency e purposes	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state very system is now in place, b         to be adjusted based on restance	on number of e of 341,000 able to disting chicles only. aseline may n we reporting	guish A better eed		Potentia Location Campus Campus	al for Biof Space	uels Expan	nsion Fuel E85 B20			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes in Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications fo	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b>	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state very system is now in place, b to be adjusted based on r         organization;	on number of e of 341,000 able to disting ehicles only. aseline may n lew reporting Pu	guish A better eed <b>rojected Redu</b>	- - - - - - -	Potentia Location Campus Campus	al for Biof Space	uels Expan	nsion Fuel E85 B20			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications fo	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme nicles must have r instructional p Petroleum u Reduce spee	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state very system is now in place, b to be adjusted based on r         organization;         cars, task pooling	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting Pr 1,214	guish A better eed <b>ojected Redu</b> gallons		Potentia Location Campus Campus	al for Biof Space	uels Expan Tk Size	nsion Fuel E85 B20 			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes n Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications fo Potential Reduction in Conservation E10	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p Petroleum u Reduce spee Using E10 f	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state versystem is now in place, b to be adjusted based on r         organization;         cars, task pooling         e vehicles	on number of e of 341,000 able to disting ehicles only. aseline may n lew reporting Pr 1,214 4,000	guish A better eed gallons gallons	<b>ictio</b>	Potentia Location Campus Campus	al for Biof Space	uels Expan Tk Size	nsion Fuel E85 B20 			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes m Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications fo Potential Reduction in Conservation E10 E85	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p Petroleum u Reduce spee Using E10 f Using E85 f	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin or all flex-fue	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state vesystem is now in place, b to be adjusted based on r         organization;         cars, task pooling         e vehicles	on number of e of 341,000 able to disting ehicles only. aseline may n new reporting <b>Pr</b> 1,214 4,000 731	guish A better eed gallons gallons gallons	<b>actic</b> = =	Potentia Location Campus Campus Campus	al for Biof Space	Tk Size	nsion Fuel E85 B20 			
Instructions Fill out all information (exce Complete with data from fisc Please note if fuel includes m Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications fo Potential Reduction in Conservation E10 E85 B5	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p <b>Petroleum u</b> Reduce spee Using E10 f Using E85 f	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin or all flex-fue r all diesel ve	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state version system is now in place, b to be adjusted based on response organization;         cars, task pooling         e vehicles         eled vehicles	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting <b>Pr</b> 1,214 4,000 731	guish A better eed gallons gallons gallons gallons	actio = = = =	Potentia Location Campus Campus Campus	al for Biof Space	Tk Size	nsion Fuel E85 B20 			
Instructions Fill out all information (excer Complete with data from fisc Please note if fuel includes in Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational vehicles includ 10% eligible educational vehicles specific modifications for Potential Reduction in Conservation E10 E85 B5 B20	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p <b>Petroleum u</b> Reduce spee Using E10 f Using E85 f Using B5 fo Using B20 f	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin or all flex-fue r all diesel ve	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state vesystem is now in place, b to be adjusted based on r         organization;         cars, task pooling         e vehicles         eled vehicles         whicles	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting Pr 1,214 4,000 731 - -	guish A better eed gallons gallons gallons gallons gallons gallons	actio = = = =	Potentia Location Campus Campus Campus	al for Biof Space	Tk Size	nsion Fuel E85 B20 			
Instructions         Fill out all information (exce         Complete with data from fisc         Please note if fuel includes in         Count hybrids and FFV's onl         do not count them as gas         10% Eligible vehicles includ         10% eligible educational veh         specific modifications for         E10         E85         B5         B20         B100	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p Petroleum u Reduce spee Using E10 f Using E85 fo Using B20 f Using B100	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin or all flex-fue r all diesel ve or all diesel ve	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state version is now in place, beto be adjusted based on response or ganization;         cars, task pooling         e vehicles         eled vehicles         ehicles         your diesel vehicles	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting <b>Pr</b> 1,214 4,000 731 - - -	guish A better eed gallons gallons gallons gallons gallons gallons gallons gallons	<b>ectio</b> = = = = = =	Potentia Location Campus Campus Campus 3.00% 9.88% 1.81% 0.00% 0.00% 0.00%	al for Biof Space	Tk Size	nsion Fuel E85 B20 			
Instructions Fill out all information (excer Complete with data from fisc Please note if fuel includes in Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational vehicles specific modifications for Potential Reduction in Conservation E10 E85 B5 B20 B100 FFV	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p <b>Petroleum u</b> Reduce spee Using E10 f Using E85 f Using B5 fo Using B100 Substituting	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin or all flex-fue r all diesel ve or all diesel ve in 1/10th of one FFV usi	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state vere system is now in place, b to be adjusted based on response or ganization;         cars, task pooling         e vehicles         eled vehicles         ehicles         your diesel vehicles         ng E85	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting Pr 1,214 4,000 731 - - - 265	guish A better eed gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons	ection = = = = = =	Potentia Location Campus Campus Campus Dn 3.00% 9.88% 1.81% 0.00% 0.00% 0.00% 0.00% 0.00%	al for Biof Space	Tk Size	nsion Fuel E85 B20 			
Instructions         Fill out all information (exce         Complete with data from fisc         Please note if fuel includes in         Count hybrids and FFV's onl         do not count them as gas         10% Eligible vehicles includ         10% eligible educational veh         specific modifications for         E10         E85         B5         B20         B100         FFV         CNG/Propane	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p Petroleum u Reduce spee Using E10 f Using E85 fo Using B20 f Using B20 f Using B100 Substituting Replacing of	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin or all flex-fue r all diesel ve or all diesel ve in 1/10th of one FFV usi ne vehicle wi	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state version is now in place, beto be adjusted based on response or ganization;         cars, task pooling         e vehicles         eled vehicles         ehicles         your diesel vehicles         ng E85         th a CNG/LPG car	on number of e of 341,000 able to disting ehicles only. aseline may n ew reporting <b>Pr</b> 1,214 4,000 731 - - 265 389	guish A better eed gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons		Potentia Location Campus Campus Campus 3.00% 9.88% 1.81% 0.00% 0.00% 0.00% 0.00% 0.00% 0.65% 0.96%	al for Biof Space	Tk Size	nsion Fuel E85 B20 			
Instructions Fill out all information (excee Complete with data from fisce Please note if fuel includes in Count hybrids and FFV's onl do not count them as gas 10% Eligible vehicles includ 10% eligible educational veh specific modifications for Potential Reduction in Conservation E10 E85 B5 B20 B100 FFV CNG/Propane Electric	ption - miles if cal year 2004-2 nore than State y once in the b oline vehicles e police & eme ticles must have r instructional p Petroleum u Reduce spee Using E10 f Using E85 f Using B5 fo Using B20 f Using B100 Substituting Replacing of Replacing of	N/A) 005 Vehicles reakdown, ergency e purposes <b>ise for your</b> eds, efficient or all gasolin or all flex-fue r all diesel ve in 1/10th of one FFV usi ne vehicle win	Notes/Comments         Mileage estimated based vehicles and total mileag         The system used was not fuel and miles for state vere system is now in place, b to be adjusted based on r         organization;         cars, task pooling         e vehicles         eled vehicles         ehicles         your diesel vehicles         ng E85         th a CNG/LPG car         th an electric car	on number of e of 341,000 able to disting ehicles only. aseline may n lew reporting Pr 1,214 4,000 731 - - - 265 389 389	guish A better eed gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons gallons		Potentia Location Campus Campus Campus 3.00% 9.88% 1.81% 0.00% 0.00% 0.00% 0.00% 0.00% 0.65% 0.96%	al for Biof Space	Tk Size	nsion Fuel E85 B20 			

adjusted for growth as applied to REP 07-08 JO'N 9-26-08

University of Ch	North Carolina at arlotte		Larry Lane 704-687-2122 lblane@uncc.edu				
Petroleum Displacement	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	Initial Cost	Yearly Cost
1%	Institute conservation, reduc	ce idle time, task pool etc.					
1%	Replace 4 larger gas trucks	with FFV tiger trucks					
2%	Replace 2 gas trucks with e	lectric vehicles					
8%		Switch all gasoline (30,000	gallons) to F10				
4%	-	Use 2 000 gallons of E85	ganons) to E10				
70	-						
	-						
	-						
8%	-		Increase E85 use to 6,000 g	allons per year			
	-						
	-						
	-						
8%				Use 10,000 gallons of			\$2,400
	-			E85 in 20 FFV's			. ,
				purchased over last 4			
				vears			
	-			yours.			
							<b>.</b>
Totals	4%	16%	24%	32%			\$2,400
Possible additional	vehicle purchases from	2006 - 2010					
Year	Quantity, Vehicle Type	e and Description	Purpose	Fuel / Hybrid		Additional	Cost
2006	5 FFV trucks or vans	· · · · ·	Facilities work	E85			\$125,000.00
2006	2 Electric vehicles to replac	e on-campus trucks	Facilities work	Electric			\$125,000,00
2007	2 Electric vehicles to replace	e on-campus trucks	Facilities work	Electric			φ12 <b>5,000.00</b>
2007	5 FFV trucks or vans	o on campus trucks	Facilities work	E85			\$125,000.00
2008	2 Electric vehicles to replace	e on-campus trucks	Facilities work	Electric			
2009	5 FFV trucks or vans	· · · ·	Facilities work	E85			\$125,000.00
2009	2 Electric vehicles to replace	e on-campus trucks	Facilities work	Electric			

## University of North Carolina at Charlotte

Fleet and Fuel Reporting

## Larry Lane 704-687-2122 Iblane@uncc.edu

Fleet Information	200	5-2006	200	6-2007	200	7-2008	200	8-2009	2009	-2010	201	0-2011		
Vehicle Type	Total #	Miles	Total #	Miles	Total #	Miles								
Gasoline	91	320,000	105	325,000	223	318,670	184	287,713	185	281,600	191	280,614		
Diesel	-	-	-	-	3	1,255	3	3,717	3	3,900	3	3,900		
Hybrid	-	-	-	-										
Flex-fueled Vehicles	4	4,600	4	4,600	20	34,566	18	32,400	17	31,500	24	44,448		
Comp Natural Gas	-	-	-	-										
Propane	-	-	-	-										
Electric	11	11,000	15	15,000	26	24,480	74	27,750	97	28,000	106	30,528		
Emergency/Ed (10%)	-	-	-	-										
Totals	106	335,600	124	344,600	272	378,971	279	351,580	302	345,000	324	359,490		
	2%	-2%	19%	1%	140%	2%	146%	-5%	166%	-7%	186%	-3%		
Fuel Information	200	5-2006	200	6-2007	200	7-2008	200	8-2009	2009	2009-2010		09-2010 2010-2011		0-2011
Fuel Type	Gal	Petr.	Gal	Petr.	Gal	Petr.	Gal	Petr.	Gal	Petr.	Gal	Petr.		
Gasoline	43,500	43,500	38,400	38,400	19,182	19,182	32,837	32,837	18,210	18,210		-		
E10	-	-	-	-	8,000	7,200		-	14,635	13,172	35,520	31,968		
E85	-	-	-	-	2,418	363	3,345	502	3,725	559	4,199	630		
Diesel	-	-	-	-	3,638	3,638	531	531	596	596	448	448		
B5	-	-	-	-		-		-		-		-		
B20	-	-	-	-		-		-		-		-		
B100	-	-	-	-		-		-		-		-		
CNG	-	-	-	-		-		-		-		-		
Propane	-	-	-	-		-		-		-		-		
	Qrts		Qrts		Qrts		Qrts		Qrts		Qrts			
Petroleum Motor Oils	1,349	337	1,400	350	1,484	371	702	176	954	239	1,120	280		
Syn & Rec Motor Oils	-	-	-	-		-		-	-	-		-		
Total Petroleum Use		43,837		38,750		30,754		34,045		32,775		33,326		
% Change in PDP		8%		-4%		-30%		-23%		-26%		-24%		
								PDP goal by	<b>2011:</b>		-20.0%			

FFV's are non-titled tiger trucks that replaced tagged gasoline vehicles

05-06 26 Total Electric Vehicles, 11 replaced titled vehicles, only 1 is currently tagged

06-07 56 Total Electric Vehicles, 15 replaced titled vehicles, only 2 are currently tagged

07-08 adj baseline to reflect +9% growth in student FTE's

- 08-09 74 Total Electric Vehicles
- 08-09 Mileages are estimated
- 09-10 Mileages are estimated

09-10 97 Total Electric Vehicles

09-10 All new vehicles are either flex fuel or Electric (Gasoline/FF/E-85)

10-11 Mileages are estimated

## University of North Carolina at Charlotte

Larry Lane lblane@uncc.edu 704-687-2122

## Results Noted (by FY 2009-10) as relate to your PLAN

Plan for FY 2011-12

11	PDP	nartici	oating	fleets	results	to	2009-10	
11	1 D1	partici	Jating	necus	results	ιU	2007-10	

	<b>Overall Results from</b>	n all participating fleets					
	FY 2004-05	FY 2009-2010					
Fuel Type	thousand of gallons	thousand of gallons	% change				
Gas	14,935	3,165	-79%				
E10	598	11382	1803%				
E85	242	398	64%				
Diesel	8,526	1602	-81%				
B5	-	7					
B20	1,870	8157	336%				
B100	-	2					
Total Biodiesel as B20	1,870	8,167	337%				
CNG	3	0	-92%				
Propane	56	5	-91%				
Petroleum Motor Oils	48	35	-27%				
Syn & Rec Motor Oils	3	6	115%				
Total Fuel	26,283	24,760	-5.8%				
Total Petroleum	25,581	21,638	-15.4%				
T.Fuel (adj. for growth)	26,877	24,760	-7.88%				
T.Petro (adj for growth)	26,153	21,638	-17.26%				

vehicles reported in PDP								
	FY 2004-05	FY 200	9-2010					
Vehicle Types	#	#	% change					
Gasoline	10,816	9,436	-13%					
Hybrid	78	129	65%					
Flex-fueled Vehicles	4,752	7,018	48%					
Comp Natural Gas	14	5	-64%					
Diesel	4,498	5,066	13%					
Propane	192	150	-22%					
Emergency/Ed (10%)	6,007	5,871	-2%					
Electric	13	199	1431%					
Total	26,370	27,874	6%					

Of the Overall 17.5 % petroleum reduction: 3.95% displaced by reduced mileage (conservation) 4.01% displaced through E10 use 0.49% displaced through E85 use 4.7% displaced through biodiesel use

4.3% displaced through efficiency

Your organization resu	ilt to date												
	University of North C	Carolina at Charlotte	results to date	e (2009-10)		%	Reductions Ca	used by PDP	Actions (by	/ FY 09-10 as	s reported)		
% of Goal	State Organization	Petro Use	Petroleum Displacement Achievements	PDP Actions (Petroleum Reduction)	Miles	E10	E85	В5	B20	B100	CNG	Prop	Syn Moil
128%	UNC Charlotte	-26%	exceeded goal ahead of schedule despite campus growth	more NEV's than any other fleet, FFV's use E85 consistently	-7.2%	3.9%	8.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

your organization plan to date

	University of North	Carolina at Charlotte		report progress	р	lan next year and forward	
Petroleum							
Displacement	2005 thru2007	2007-2008	2008-2009	2009-2010		2010-2011	beyond 2011
Actual	-4%	-30%	-23%	-26%		-24%	
-7.2%	reduced miles (against adj	usted baseline) contributed toward PDP					
8.5%	use of E85 contributed to	ward PDP					
Previously Noted							
1%	Institute conservation, red	luce idle time, task pool etc.					
1%	Replace 4 larger gas truck	ts with FFV tiger trucks					
2%	Replace 2 gas trucks with	electric vehicles					
PLAN							
8%		Switch all gasoline (30,000 gallons) to E10					
4%		Use 2,000 gallons of E85					
8%			Increase E85 use to 6,000 gallons per year				
8%				Use 10,000 gallons of E85 in 20 FFV's purchased over last 4 years.			

space for Plan notes

University of North Carolina at Charlotte Larry Lane 704-687-2122 Iblane@uncc.edu	08-'0909-'1010-'11baseline efficiency factor8.438.43efficiency factor9.5309.220change indicated13.05%9.37%						
Conservation and Efficiency defining steps taken to reduce petroleum consumption       your fleet efficiency appears to have improved more than 9% above baseline							
In the process of reporting PDP results we have been able to directly attribute petro to "change in efficiency", a positive change may be called "conservation". To better	um use changes due to: mileage; alternative fuel use; number of vehicles; use of synthetic or recycled motor oil. Indirectly we have been attributing any other char efine what portion of PDP performance is due to "change in efficiency or conservation" Please answer the following:	inge					
Has your agency/ department/ organization initiated any steps, <b>not previously repo</b>	ted, intended to improve fleet vehicle efficiency? Please place "X" as appropriate 2009-'10 2010-'11						
what did you change? Place "X" in appropriate box(es) examples: a mechanical change could include equipment changes to vehicles or fue	ng infrastructure to make them more efficient. New hybrid autos or new fuel card reader systems would be mechanical. Process change could be an accounting						
system change, vehicle reassignment, or a carpooling system. Behavior could be dr	ers improving fuel economy by driving more efficiently or drivers combining errands or carpooling to reduce mileage.						
mechanical X no ves no	2009-'10     2010-'11     2009-'10     2010-'11       process     ves     no     ves     no     ves     no						
1a     changed vehicle types     X     X       1b     system     Image: system	changed fuel accounting     reduced on-board       2b     weight						
1c     mechanism	2c     set carpooling policy     3c     set policy on idle       3c     reduction     3c						
	reassigned vencies to     X     3d     (on economy)       check tire pressure     Z     3d     (on economy)       2e     routinely     3e     limit						
	evaluate MPG eff performance by vehicle driving or punish 3f inefficient driving or punish 3f inefficient driving driv						
other mechanical system     Image       1d     change	other process system     3g     other behavior change						
mechanical         before 2005         FY 04-05         FY 05-06         FY 06-07         FY 07-08         FY 08-09         X2 X3         FY 09-10         FY 10-11	before 2005						
How did you change it? Please note question # you are referring to.							
examples may include new procedures, training, or directives affecting vehicle choice or vehicle use mechanical X1 - Started replacement of gasoline powered utility carts with LSV's and Electric Utility Carts	istallation of new equipment to dispense fuel or account for its use.	_					
new in FY 2010-'11:							
	process						
new in FY 2010-'11:							
new in FY 2010-'11:	behavior						
From your Results Noted tab you are now aware of what portion of your PDP perf Your '09-'10 PDP report indicated 9.37% was attribut Your answers may total 0% if not applicable, otherwise the total will	mance change (positive or negative) was attributed to efficiency and conservation last year. to change in efficiency. Of the noted changes in each of these three categories what part will you attribute to current and future activities in each? 100%.						
FY2009-10mechanical100%FY2010-11mechanicalFY2011-12mechanical	FY2009-10processFY2010-11processFY2010-11behaviorFY2011-12processFY2011-12behavior						