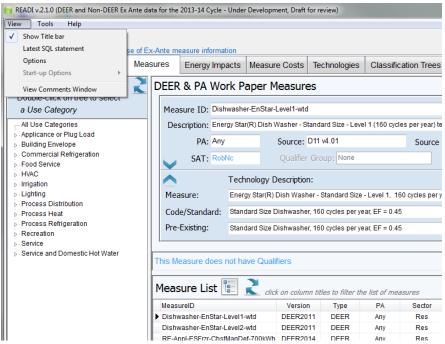
Instructions on Extracting Measure Groups and Savings from READI tool (DEER)

- Download the READI program from <u>ftp://deeresources.com/DEER/READI_v2.1.0.zip</u>. You have to be online to use the READI program.
- 2. Start the program and choose the Ex Ante 13-14 Cycle database when prompted.
- 3. Go to View on the Menu and select Options.



Select the Screen tab from Options and select Show Program Tabs: All Tabs.
 Select the Measures & Implementations tab from Options and check proposed measures and review measures. Click Okay after making the changes.

📄 READI v.2.1.0	(DEER and Non	-DEER E	x Ante data for the	2013-14 Cycle - Under	r Development, Draft	for review)		
View Tools	Help							
READ A utility for v	I iewing CPUC	s databa	ase of Ex-Ante me	easure information				
Intro & Help	Measure C	atalog	Measures	Energy Impacts	Measure Costs	Technologies	Classific	ation Tre
Double-clic a Use Cal - All Use Cat - Applicance - Building En - Commercia - Food Servic - HVAC - HVAC - Irrigation - Lighting - Process Re - Process Re - Process Re - Recreation - Service	Use Category READI Options Double-click on tree to a Use Category READI Options All Use Category Screen Measures & Implementations Energy Impacts -All Use Categories Small @ Medum Large -Show Program Tabs Standard @ All Tabs -Commercial Refrigeration Standard @ All Tabs -Frigation Indexerse -Lighting Process Refrigeration -Process Refrigeration Amagines -Process Refrigeration E Technology -Process Refrigeration Technology -Recreation Technology						Sour	
	l	Defau					he list of mea	
		MeasureID Dishwasher-EnStar-Level1-wtd			wtd DEER20	1.000	PA Anv	Sector Res

 Walking through an example for viewing the energy impacts of a measure. Go to Measures tab and then select HVAC in the Use Category Menu and then Space Cooling in the sub category. The Measure List on the screen should now have an arrow pointing to the first Space Cooling Measure, "NE-HVAC-Chlr...".

Use Category	DEER & PA Work Paper	Measures						
HVAC Space Cooling	Measure ID: NE-HVAC-Chir-Cent-It150tons-0p560kwpton-ConstSpd							
All Use Categories	Description: Water cooled cent	rifugal chiller (< 15	al chiller (< 150 tons, 0.560 kW/ton)					
 Applicance or Plug Load Building Envelope 	PA: Any	Source: D13	Source: D13 v1.0		Source	Source Desc:		
 Commercial Refrigeration Food Service 	SAT: ErRobNc	Qualifier Gro	oup: DEER1	314		Qualifier: DEER_for		
▲ HVAC — Heat Rejection	Technology	y Description:						
Space Cooling	Measure: Water coole	d centrifugal chiller	r (< 150 tons,	0.560 kW/ton))			
Space Heating Space Heating and Cooling	Code/Standard: Water coole	: Water cooled centrifugal chiller (0.634 kW/ton)						
Ventilation and Air Distribution	Pre-Existing: Water coole	Water cooled centrifugal chiller, efficiency based on vintage						
Process Distribution Process Heat Process Refrigeration Recreation Service	This Measure has Qualifiers that determine the associated Energy Impacts: DEER_tor_2013							
 Service and Domestic Hot Water 	MeasureID	Version	Туре	PA	Sector	Use Category		
	dxHP-spltSEER-lt65kBtuh-14p0se	er-v DEER2011	DEER	Any	Com	HVAC		
	dxHP-spltSEER-lt65kBtuh-14p5se	er-8 DEER2011	DEER	Any	Com	HVAC		
	dxHP-spltSEER-lt65kBtuh-15p0se	er-9 DEER2011	DEER	Any	Com	HVAC		
	RE-HV-ResHP-13p0S-8p1H	DEER2014	DEER	Any	Res	HVAC		
	RE-HV-ResHP-14p0S-8p6H	DEER2014	DEER	Any	Res	HVAC		
	RE-HV-ResHP-15p0S-8p8H	DEER2014	DEER	Any	Res	HVAC		
	RE-HV-ResHP-16p0S-8p4H	DEER2014	DEER	Any	Res	HVAC		
	► NE-HVAC-Chir-Cent-It150tons-0p5	60 DEER2014	DEER	Any	Com	HVAC		
	NE-HVAC-Chir-Cent-It150tons-0p5	60F DEER2014	DEER	Any	Com	HVAC		
	NE-HVAC-Chir-Cent-It150tons-0p7	00F DEER2014	DEER	Any	Com	HVAC		
	NE-HVAC-Chir-Cent-It150tons-0p7	00F DEER2014	DEER	Any	Com	HVAC		
		0- DEEDOOM	DEED	A	0	10/40		

6. Double click on any Measure ID to view the energy savings and other parameters for that particular measure for different IOUs, Building Types, Building Vintages, and Climate Zones.

🔋 REA	DI v.2.1.0	(DEER and Non-DEER Ex	Ante data for the	2013-14 Cycle - U	Inder Develo	pment, Draft	for review)	-	1		
View	Tools	Help									
RF	EAD Itility for v	iewing CPUC's databa	se of Ex-Ante me	asure informatio	n						
Intro	& Help	Measure Catalog	Measures	Energy Impa	cts Meas	sure Costs	Technolo	ogies Cla	assificatior	Trees S	
Ene	Energy Impacts Energy Impact ID: NE-HVAC-Chir-Cent-It150tons-0p560kwpton-ConstSpd										
	Energ	· ·									
		Measure ID: NE-H			·	1					
	Measur	e Description: Water	cooled centrifug	al chiller (< 150	tons, 0.560	kW/ton)					
Program Admin Building Type Building Vintage Building Lo					Location	ocation Building HVAC Type					
	Any Education -		- Community Coll	e Before :	Before 1978		Arcata Area		Any		
	Energy Impact Values Al impacts are "per Cap-Tons" Whole Building Impacts Direct End-Use Impacts										
			kWh/unit	kW/unit	therm/un	it k'	Wh/unit	kW/unit	nit therm/unit		
	Above Pre-Existing		90	0.0608		0	0		0	0	
	Above Code/Standard:		66.4	0.0448		0	0		0	0	
Ene	Energy Impacts List 2 click on column titles to filter the list of impacts										
En	ergyImpac	tID PA	Building Type	Building Vi	ntage	Location	HVAC	С Туре 🛛 V	/B-Pre_kWh	WB-Pre_kW	
	NE-HVAC-Chir-(Any		ECC	1975		CZ01		ny	90.0	0.06	
NE	-HVAC-Ch	nir-(Any	ECC	1975		CZ02	A	ny	177.7	0.13	

 If you want to extract all the HVAC measures into a spreadsheet, you can right click on any cell in the Measure List, and choose Download Table as CSV. Once you have the spreadsheet, you can put filters on the columns and sort the Use Category column to HVAC only to examine only HVAC Measures.