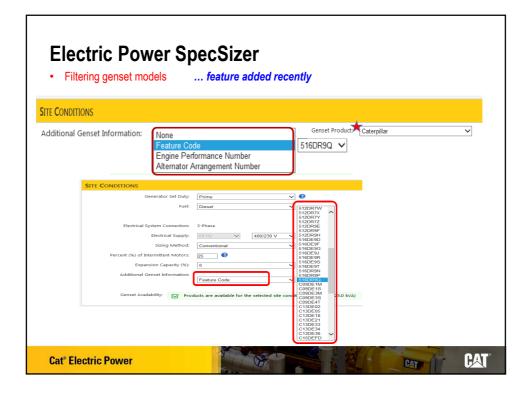


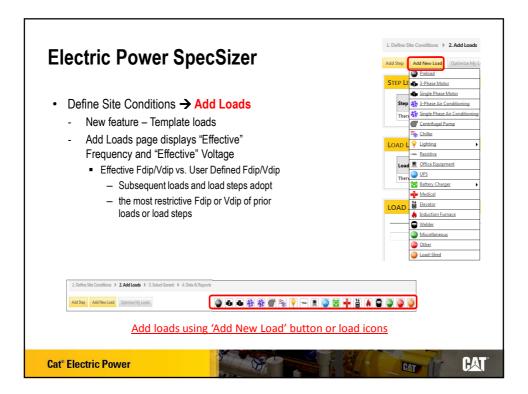
	(bottom half of page) :: Caterpillar (for Cat com	- set defaults for Sil	te Conditions for new proje anded gensets) - filters gensei	
DEFAULT VALUES				
Fuel: Generator Set Duty: Motor Units KW/HP: 60Hz Motor Type: Project Reference #	Diesel         V           Prime         V           KW         V           EC         V           KP1602         V	Unit of Measure: Maximum Ambient: Ahthude: Genset Product: Humidity:	English V 250 Deg C 77 Deg F 1524 MASL 500 0 RASL CAT Compact International 30 %	
Emissions: 🕑 Diesel: Natural Gas: LPG:	All Certified & Non-Certified All Certified & Non-Certified All Certified & Non-Certified V	Single Phase Electrical Supply: 3-Phase Electrical Supply: Language: Hints:	50 Hz     240 V       50 Hz     400/230 V       Chinese     French       French     German       Italian     Portuguese       Russian     Spanish	
Cat <sup>®</sup> Electric Power			E AL CAT	CAT

	ices -> iviy oper	<mark>cSizer</mark> (main pa	age)		
	CAT		My St	pecSizer	>
	User Preferences	My SpecSizer	Share	d With Me	
			My Lo	ads	
			Recen	t Projects	
Ny SpecSizer	Create A New Single Phase Project	ct Create A New Folder	Create a new projec	t or select from list of s	saved projects
	Create A New Single Phase Project	ct Create A New Folder	<u>Create a new projec</u>	<u>t or select from list of s</u> Search:	Go Clear Sea
	Create A New Single Phase Projec	t Create A New Folder	Create a new projec		
Create A New 3-Phase Project	Create A New Single Phase Projec	t Create A New Folder	<u>Create a new projec</u>	Search:	Go Clear Sea
reate A New 3-Phase Project Now displaying 1-6 of 6 Name	Create A New Single Phase Projec	Create A New Folder	<u>Create a new projec</u>	Search:	Go Clear Sea
Treate A New 3-Phase Project	Create A New Single Phase Projec	Create A New Folder	<u>Create a new projec</u>	Search:	Go Clear Sea
Now displaying 1-6 of 6 Name Dealer Inquiries SCENARIOS	Create A New Single Phase Projec	Create A New Folder	<u>Create a new projec</u>	Search:	Go Clear Sea
New 3-Phase Broject			<u>Create a new projec</u>	Search:	Go Clear Sea

Electric P	ower SpecSizer
- GENERAL (	→ Create A New 3-Phase Project → Define Site Conditions top half of page): Defaults auto-populated from User Preferences, are editable. Region here, editable on User Preferences only
CAT	
User Preferences	My SpecSizer
The project has been success	fully saved.
GENERAL	
GENERAL	
Customer Name:	Malaga EP Days #1 Sharing: Currently Shared with 0 user(s).
* Project Name/Ref #:	L_KP160402_1 Edit Sharing
Created Date:	4/5/2016 Project Location: My SpecSizer V
Created By:	pandik Region: Europe/Africa/Middle East/Russia/CIS/Mongolia
Modified Date:	4/5/2016 1:43:41 AM
Cat <sup>®</sup> Electric Power	

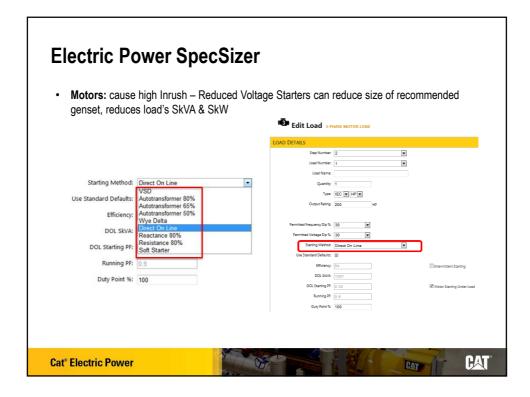
E CONDITIONS			7 0	Unit of Measure:		_
	Prime Diesel			Unit of Measure: Maximum Ambient: Altitude:	25.0 Deg C 77 Deg F	
Electrical System Connection:			7	% Humidity	152.4 M.A.S.L. 500.0 Ft.A.S.	L.
🔺 👘	50 Hz  Conventional	400/230 ∨ ∨	• 🕐	Genset Product	CAT Compact International	<b>~</b>
Percent (%) of Intermittent Motors: Expansion Capacity (%):	25 <b>2</b>		•	Transient Restrictions: Emissions Certification:	Load Level	✓ ②
×				Voltage Regulator:	Best Fit	<b>~</b> ()
Genset Availability: 🖌 Pro	ducts are available for t	he selected site c	onditions. (8.5	- 300.0 kVA)		
Voltage Regulator: ( Optional (3:1) Slope			<u>electing</u>	Voltage Regula	tor: Optional (3:1) Slope Performance Best Fit Standard (2:1) Slope Performance Optional (3:1) Slope Performance	•

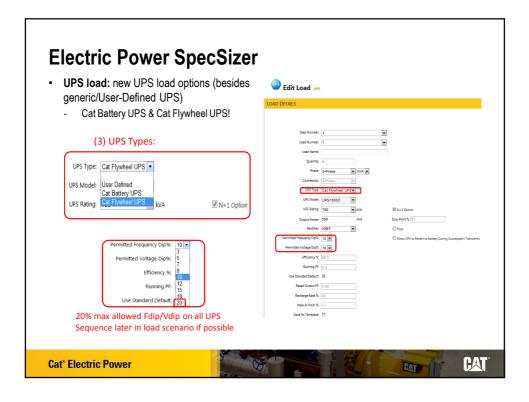


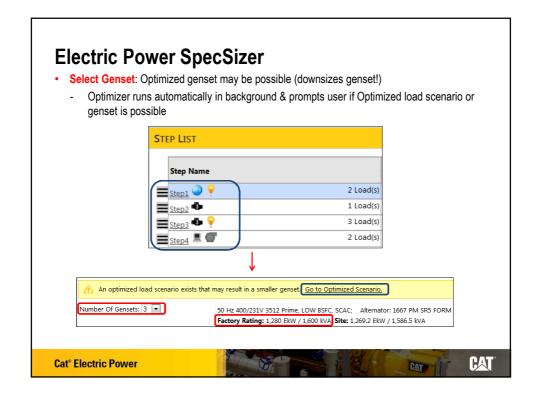


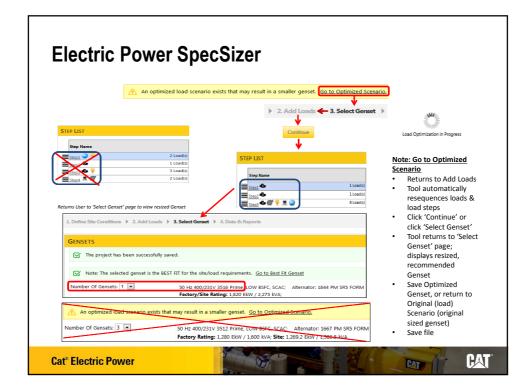
Electric Pow	er SpecSizer		
Add Loads: New fe      Add Load use	ature – Template loads		
	HIING		
Step Number: Load Number: Load Name:		Add New Load Optimize My L	oads
Rating:	1 Distr. 3-Phase KW Fluorescent	Single Phase Motor     Single Phase Motor     Single Phase Air Conditioning     Single Phase Air Conditioning	2 Load(5)
Permitted Frequency Dip%: Permitted Voltage Dip%:	30 💌	Centrifugal Pump	1 Load(s)
Save As Template	Submit   Cancel		Template Lighting Load 100kW 50kW Fluorescent 200 kW FL Lighting Flourescent Light
Cat <sup>®</sup> Electric Power	800		CAT CAT

	04001100100100110110	e loads later	if possible to c	lownsize genset	
				Ű	
TEP LIST					
Step Name		Step		Effectiv	
	2 Load(s)	5kVA 156.2	5kW 131.8	Frequency 10.0	10.0 0
Step1 🥹 Y	1 Load(s)	1.557.0	544.9	10.0	10.0
Step2 💁	1 Load(s)	200.0	150.0	10.0	10.0
DAD LIST				User Defined/E	
Load Name			-	Frequency	Voltage
Cat Flywheel UPS, 3-Phase, IGBT, 9 Battery: Revert 1 X 500.00 kVA	6 Walk-In, 30% Battery Re	charge, 75% Duty	Point, No	10.0/10.0	10.0/10.0
50kW Fluorescent - Fluorescent Lic 1 X 50.00 kW	hting, Distr. 3-Phase			30.0/10.0	30.0/10.0
Summary				-/10.0	-/10.0
				% Fdip/Vdip of Ste	

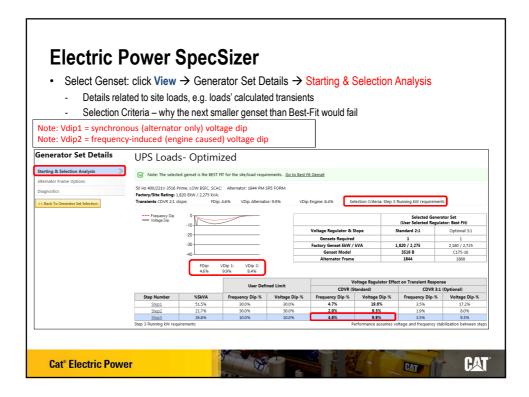




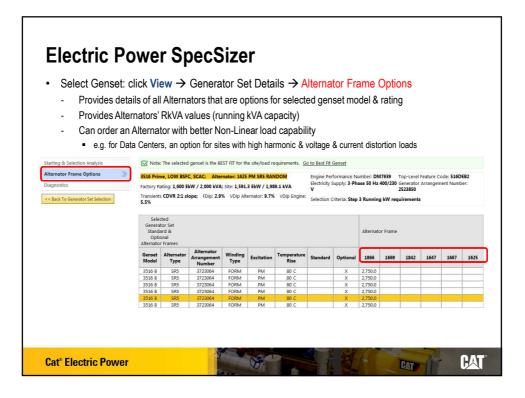




• \$	elect Ge	enset: cli	ck View	→ Gene	erator S	Set D	etails	• Alte	rting 8	erator Se Selection Frame CS	on Anal	ysis		
Factory Genset	Site Genset	Site Alternator		-				Alt	ernator				% Genset	
EkW/kVA	EkW/kVA	kVA	Genset Model	Generator Set Duty	Emissions	Frame	Excitation	Winding	Туре	Std/Opt	RkVA	VDip1	Capacity Used	
* 2,260 / 2,825	* 2,260 / 2,825	3,000	C175-16	Prime	LOW BSFC	1868	PM	FORM	SR5	Optional	3,000.0	17.2%	77.5	Vie
* 2,260 / 2,825	* 2,260 / 2,825	3,000	C175-16	Prime	LOW BSFC	1868	PM	FORM	SR5	Standard	3,000.0	17.2%	77.5	View
2.180 / 2.725	2,180 / 2,725	3,000	C175-16	Prime	LOW BSFC	1868	PM	FORM	SR5	Optional	3,000.0	17.2%	80.4	Vie
2,180 / 2,725	2,180 / 2,725	2,750	C175-16	Prime	LOW BSFC	1866	PM	FORM	SR5	Optional	2,750.0	10.3%		Vie
2,180 / 2,725	2,180 / 2,725	2,750	C175-16	Prime	LOW BSFC	1866	PM	FORM	SR5	Optional	2,750.0	10.3%		Vie
2.180 / 2.725	2,180 / 2,725	2,750	C175-16	Prime	LOW BSFC	1866	PM	FORM	SRS	Standard	2,750.0	10.3%		Vie
2,180 / 2,725	2,180 / 2,725	2,750	C175-16	Prime	LOW BSFC	1866	PM	FORM	SR5	Standard	2,750.0	10.3%		Vie
1,820 / 2,275	1,820 / 2,275	2,500	3516 B	Prime	EMISSION	1844	PM	FORM	SR5	Standard	2,500.0	19.6%	96.3	Vie
1.820 / 2.275	1,820 / 2,275	2,500	3516 B	Prime	EMISSION	1844	PM	FORM	SR5	Standard	2,500.0	19.6%	96.3	Vie
1,820 / 2,275	1,820 / 2,275	2,500	3516 B	Prime	LOW BSFC	1844	PM	FORM	SR5	Standard	2,500.0	19.6%	96.3	Vie
1,820 / 2,275	1,820 / 2,275	2,500	3516 B	Prime	LOW BSFC	1844	PM	FORM	SR5	Standard	2,500.0	9.9%	96.3	Vie
1,600 / 2,000	1.600 / 2.000	2.750	3516 B	Prime	EMISSION	1866	PM	FORM	SRS	Optional	2,750.0	10.3%		Vie
		Generator Se Surring & Selectien An Atemator frame Option Dispression ex Bask To Generator Gen	alysis Solution	PS Loads- Optim Note: The selected generation the BST // 1-00/231/ 3516 Primes (DW BSC, SCAC, seyStine Ranking 1.800 BW/ 2376 W/k selected CD/R 23 rope: rfc -10 -10 -00 -00 -00 -00 -00 -00	for the site/load requirement	RM.		spe Sta	W requirements Selected Ger User Selected Res dard 2:1 3 9 / 2,275 516 B	ecasor Set Poleter: Best Fitt) Optional 21 1 2.180 / 2.725 C177-18				
				File 4% Step Number NSXVA 2012 115 2012 2175 2012 249 3 Juning Wiresultements	VDip 1: VDip 2: 55% 8.4% Voir Det Frequescy Dip-% 300% 300%	ined Limit Voltage Dip-K 300% 300%	Alternator Frame	ioltage Regulator Effect o andard) Voltage Dip-% 23.5% 9.3%	CDVR Frequency Dip-N 3.5% 1.5% 3.5%	2:1 (Optional)	Ry6		CA	

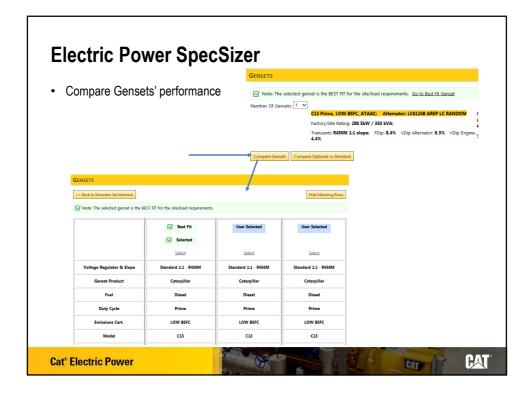


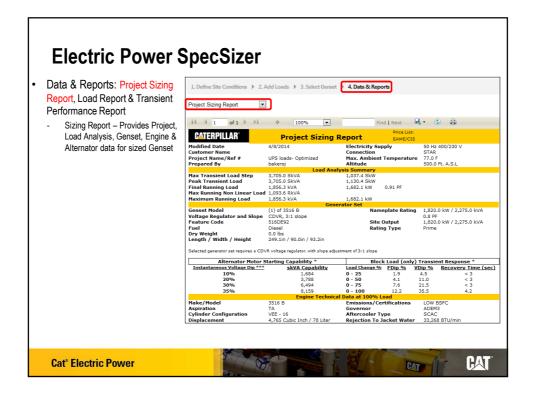
Now displaying 161-1		Generator Set								ternator				% Genset	
Model	Factory	Site EkW/kVA	Duty	Emissions	Feature	Site	Arrangement	Frame	Ar	Winding	Type	Std/Opt		Capacity	
3516 B	EkW/kVA	+ 1,591.3 /	1000		Code									Used	
	+ 1,600 / 2,000	1,989.1	Prime	EMISSION	516DEB2	2,000	2523850	1625	PM	RANDOM	SR5	Optional 2		_	
3516 B	+ 1,600 / 2,000	1,989.1	Prime	EMISSION	516DEB2	2,000	2523850	1625	PM	RANDOM	SR5	Optional 2	2,000.0 21	1% 98.1	Þ
3516 B	+ 1,600 / 2,000	+ 1,591.3 / 1,989.1	Pr me	LOW BSFC	516DEB2	2,000	2523850	1625	PM	RANDOM	SR5	Optional 2	2,000.0 21	1% 98.1	Þ
3516 B	+ 1,600 / 2,000	+ 1,590.3 / 1.987.9	Prime	LOW BSFC	516DEB2	2,000	2523850	1625	PM	RANDOM	SR5	Optional 2	2,000.0 21	1% 98.2	Þ
3516 B	+ 1,600 / 2,000	+ 1,591.3 / 1,989.1	Prime	LOW BSFC	516DEB2	2,000	2523850	1625	PM	RANDOM	SR5	Optional 2	.000.0 9.3	7% 98.	
3516	+ 1,460 / 1,825	+ 1,460 / 1,825	Prime	LOW BSFC	516DE9F	2,750	3723064	1866	PM	FORM	SR5	Optional 2	2,750.0 8.:	1% -	
3516	+ 1,460 / 1,825	+ 1,460 / 1,825	Pr me	LOW BSFC	516DE9F	2,750	3723064	1866	PM	FORM	SR5	Optional 2	2,750.0 8.:	1% -	
3516	+ 1,460 / 1,825	+ 1,451.8 / 1,814.7	Pr me	LOW BSFC	516DR9N	2,500	3723056	1844	PM	FORM	SR5	Optional 2	2,500.0 7.8	3% -	
3516	+ 1,460 / 1,825	+ 1,454.8 / 1,818.5	Prime	LOW BSFC	516DR9N	2,150	2523866	1647	PM	RANDOM	SR5	Optional 2	2,150.0 8.4	1% -	Þ
\Lambda No	te: The selectec	l genset is US	ER SELEC	TD and n	neets or	exce	eds the sit	e/loa	d requir	ements. 🧕	o to B	est Fit G	<u>Genset</u>		



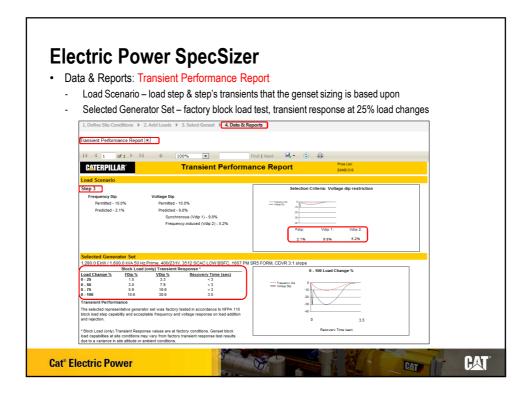
		•	<b>.</b> .							
Electric F	ower	Spec	Sizei	•						
Select Gense	t: click Viev	v → Gene	erator Set	Details	$\rightarrow$ Dia	gnostic	S			
- Technical	data for siz	zed dense	t <sup>.</sup> Genset	∆lterna	tor En	- aine an	d Project	informa	tion	
- Diagnose	sized gens earches, Or	set's techn	ical capa	bilities; p		0				I
enerator Set Details	UPS Loa	ads- Optir	nized							
arting & Selection Analysis	Note: The se	elected genset is the BE	ST FIT for the site/lo	ad requirements.	Go to Best Fit G	ienset				
ternator Frame Options iagnostics		516 Prime, LOW BSFC, S ng: 1,820 EkW / 2,275 k 2:1 slope; F	VA;	344 PM SR5 FORM Alternator: 9.9%	VDip En	igine: 8.4%	Selection Criteria: S	tep 3 Running K	V requirements	
					Genset Dia	gnostics				
	Genset Model	Site kW/kVA	Rating kW	Top-Level Feature Code	Faci	lity Code	Source (Pr	rice List)	Region	
	3516 B	1,820.0 / 2,275.0	1,820.0 / 2,275.0	516DE8R	LE Griffin	X	#1	3516 PGDG	E901 EPNA	×
					88 Lafayett	e	#2		E860 APPS	X
					XJ Tianjin		#3		E500 EAME E50W Canada	X
					JC Larne LS Newberr	ry	#4		E50VV Canada E50Z LACD	X
					Alternator Di	iagnostics	· · ·			
	Genset Model	Site kW/kVA	Rating kW	Alternator Arrangement Number	Alternato Rating kV	r Efficien	ncy Temperatu Rise	re Star	ndard	Optional
	3516 B	1,820.0 / 2,500.0	1,820.0 / 2,275.0	3723056	2,500.0	95.6	105 C		x	
					Engine Dia	gnostics				
	Genset Model	Site kW/kVA	Rating kW	DM Perfor		Rack Stop kW	Max Single Step k	V Fan kW (	Power)	Fan Ratio
	3516 B	1,825.0 / 2,275.0	1,820.0 / 2,275			2,502.5	1,687.9	46.	0	0.0
					Project Dia	anostics				

ciec.		D.		. C		C:	_ ^									
	tric	1	owe	J J	pec	31	ZE	);								
Com	nare (	Gens	ets' per	forma	nce. c	lick	Vie	$w \rightarrow 0$	Gene	rator	Set D	)et:	ails			
••••	P			••••••												
GEN	SETS															
	Note: The se	elected ge	nset is the BEST	FIT for the	site/load requ	irements	. <u>Go t</u>	o Best Fit Gen	set							
Numi	oer Of Gense	ets: 1 🗸	•								Compare	Genset	Comp	re Optional vs S	itandard	
			C13 Prime, LC	W BSFC, J	ATAAC; Alt	ernator:	LC6124	B AREP LC R	ANDOM	E						
			Factory/Site Ra							Е 4	Now displa	iying 9	01-920 of			
			Transients R45 4.4%	0M 1:1 slo	ppe; FDip: 8.	4% VDi	p Alter	nator: <b>9.3%</b>	VDip Eng	ine: s	Model		Factory	Generator S Site		Emissions
_		<b>`</b>									C13		EkW/kVA	EkW/kVA	Duty	
Con	npare Gensets	Compa	are Optional vs Sta	ndard							C13		280 / 350 280 / 350	280 / 350 280 / 350	Prime	LOW BSFC C
											C13		280 / 350	280 / 350	Prime	LOW BSFC C
													2007 330	2007 550		com bore e
											C13		280 / 350	280 / 350	Prime	LOW BSEC C
Now displayir	ng 901-920 of	934									C13 C13		280 / 350 280 / 350	280 / 350 280 / 350	Prime Prime	LOW BSFC C
Now displayir			Generator Set		1					Alte	C13					
Now displayir	F	934 actory W/kVA	Generator Set Site EkW/kVA	Duty	Emissions	Feature Code	Site kVA	Arrangement	Frame	Alte Excitation	C13		280 / 350	280 / 350	Prime	LOW BSFC C
	I F	actory		Duty Prime	Emissions LOW BSFC		kVA	Arrangement Number 4215088	Frame		C13		280 / 350 280 / 350	280 / 350 280 / 350	Prime Prime	LOW BSFC C
Mode C13 C13	F Ek 28	actory W/kVA	Site EkW/kVA			Code	kVA	Number	Frame	Excitation	C13 C13 C12		280 / 350 280 / 350 280 / 350	280 / 350 280 / 350 280 / 350	Prime Prime Prime	LOW BSFC C LOW BSFC C LOW BSFC C
Mode C13 C13 C13	F Ek 28 28 28	actory W/kVA 80 / 350 80 / 350 80 / 350	Site EkW/kVA 280 / 350 280 / 350 280 / 350	Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C13DE02 C13DE02	<b>kVA</b> 455 455 455	Number 4215088 3969607 3969607	1001240 LC6114D LC6114D	AREP SE SE	C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350 280 / 350 280 / 350	280 / 350 280 / 350 280 / 350 280 / 350 280 / 350	Prime Prime Prime Prime	LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C
Mode C13 C13 C13 C13 C13	F Ek 28 28 28 28	actory W/kVA 80 / 350 80 / 350 80 / 350 80 / 350	Site EkW/kVA 280 / 350 280 / 350 280 / 350 280 / 350	Prime Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C12DE10 C13DE02 C13DE18	kVA 455 455 455 400	Number 4215088 3969607 3969607 4215199	LC6114D LC6114D LC6114D LC6134C	Excitation AREP SE SE PM	C13 C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350 280 / 350 280 / 350 280 / 350 280 / 350 280 / 350	280 / 350 280 / 350 280 / 350 280 / 350 280 / 350 280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime	LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C
Mode C13 C13 C13 C13 C13 C13	F Ek 28 28 28 28 28 28 28 28 28	actory W/kVA 0 / 350 0 / 350 0 / 350 0 / 350	Site EkW/kVA 280 / 350 280 / 350 280 / 350 280 / 350 280 / 350	Prime Prime Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C13DE02 C13DE02 C13DE18 C13DE02	kVA 455 455 455 400 400	Number 4215088 3969607 3969607 4215199 4215199	LC6114D LC6114D LC6114D LC6134C LC6134C	AREP SE SE PM PM	C13 C13 C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350	280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime Prime	LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C LOW BSFC C
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Mode C13 C13 C13 C13 C13 C13 C13 C13 C13	F Ek 28 28 28 28 28 28 28 28 28 28 28 28	actory W/kVA 80 / 350 80 / 350 80 / 350 80 / 350 80 / 350 80 / 350 80 / 350	Site EkW/kVA           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350	Prime Prime Prime Prime Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C13DE02 C13DE02 C13DE18 C13DE02 C13DE02 C13DE18	kVA 455 455 400 400 400 400	Number           4215088           3969607           3969607           4215199           4215199           4215200           4215199	C61240 LC6114D LC6114D LC6134C LC6134C LC6124C LC6114C	AREP SE SE PM PM AREP SE	C13 C13 C13 C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350	280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime Prime Prime	LOW BSFC C LOW BSFC C
Mode C13 C13 C13 C13 C13 C13 C13 C13	F Ek 28 28 28 28 28 28 28 28 28 28 28 28 28	actory W/kVA 80 / 350 80 / 350 80 / 350 80 / 350 80 / 350	Site EkW/kVA 280 / 350 280 / 350 280 / 350 280 / 350 280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C13DE02 C13DE02 C13DE18 C13DE02 C13DE02	kVA 455 455 400 400 400 400 400	Number 4215088 3969607 3969607 4215199 4215199 4215200	LC6114D LC6114D LC6134C LC6134C LC6134C LC6124C	AREP SE SE PM PM AREP SE	C13 C13 C13 C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350 0ptiona	280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime Prime	LOW BSFC C LOW BSFC C
Mode C13 C13 C13 C13 C13 C13 C13 C13	Filt           28           29           28           29           28           29           28           29           28           29           28           29           28           29           28           29           28	actory W/kVA 80 / 350 80 / 350 80 / 350 80 / 350 80 / 350 80 / 350 80 / 350	Site EkW/kVA           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350	Prime Prime Prime Prime Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C13DE02 C13DE02 C13DE02 C13DE02 C13DE02 C13DE02 C13DE02	kVA 455 455 400 400 400 400 400 380	Number           4215088           3969607           3969607           4215199           4215199           4215200           4215199           4215199           4215199           4215199	LC6114D LC6114D LC6114D LC6134C LC6134C LC6124C LC6114C	Excitation AREP SE SE PM PM AREP SE SE	C13 C13 C13 C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350	280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime Prime Prime	LOW BSFC C LOW BSFC C
Mode C13 C13 C13 C13 C13 C13 C13 C13	F Ek Ek 28 28 28 28 28 28 28 28 28 28 28 28 28	actory W/kVA 80 / 350 80 / 350	Site EkW/kVA           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350           280 / 350	Prime Prime Prime Prime Prime Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C13DE02 C13DE02 C13DE18 C13DE02 C13DE02 C13DE18 C13DE02 C13DE03	kVA 455 455 400 400 400 400 400 380 380	Number           4215088           3969607           3969607           4215199           4215199           4215200           4215199           4215199           3969606	LC6114D LC6114D LC6134C LC6134C LC6134C LC6124C LC6114C LC6114C LC6134B	Excitation AREP SE SE PM PM AREP SE SE SE PM	C13 C13 C13 C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350	280 / 350 280 / 350 / 350 280 / 350 / 350 280 / 350 / 350 / 350 / 350 / 350 / 350 / 30	Prime Prime Prime Prime Prime Prime Prime Prime 	LOW BSFC C LOW BSFC C
Mode C13 C13 C13 C13 C13 C13 C13 C13	Fill           28	actory W/kVA 80 / 350 80 / 350	Site EkW/kVA 280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime Prime Prime Prime	LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC LOW BSFC	Code C13DE02 C13DE02 C13DE02 C13DE02 C13DE02 C13DE02 C13DE03 C13DE03 C13DE03 C13DE18	kVA 455 455 400 400 400 400 400 380 380 380	Number           4215088           3969607           3969607           4215199           4215199           4215200           4215199           4215199           3969606           3969606           3969606	LC6114D LC6114D LC6114D LC6134C LC6134C LC6124C LC6124C LC6114C LC6134B LC6134B	Excitation AREP SE SE PM PM AREP SE SE SE PM PM	C13 C13 C13 C13 C13 C13 C13 C13 C13 C13		280 / 350 280 / 350 / 350 280 / 350 / 350 280 / 350	280 / 350 280 / 350	Prime Prime Prime Prime Prime Prime Prime Prime 71.4 71.4	LOW BSFC C LOW BSFC C



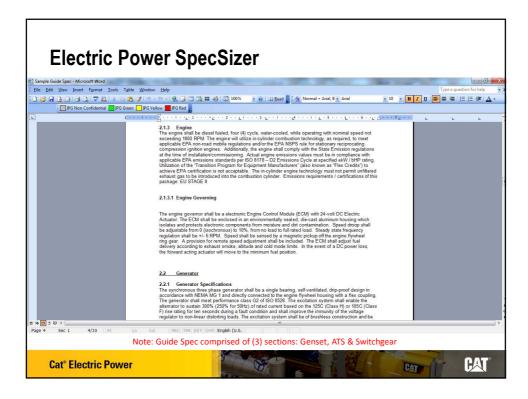


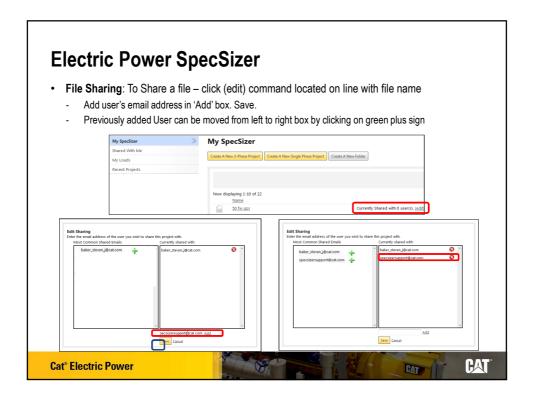
Electric Power SpecSizer
Data & Reports: Load Report
<ul> <li>Worst sizing factors (Inrush, Running &amp; Non-Linear) are boxed in load step they occur; work to reduce these sizing parameters to downsize genset</li> </ul>
<ul> <li>Transient graph provided for each load step</li> </ul>
Project Sizing Report  Project Sizing Report Project Sizing Report Project Sizing Report Project Sizing Report Project Laad Re
14 4 1 of 22 2 2 24 4 100% ▼ Find I Next  +
CATERPILLAR' Project Load Report
Modified Date 48/2014 Rating Type Proc Mas Ambient Temperature 77 Dag 5 Project NameNet 9 Project NameNet 9 Project NameNet 9 Dates 9
Load Details         Permitted Dp         Permitted Dp         Feasible Dp         Load Analysis           Load         Load Details         Prequency         Voltage         Resultanty
1.1 1 50 02 MP Mour HEMA HED 3Pher Mour HEMA HED 3Pher Mour Des On Line 30% 30% 3,7550 1027 4 4315 388 4
Loaded, Single Operating Point Step 1 Total 30% 30% 4.6% 19.6% (0.705.0 (1.027.4) 431.5 388.4 Total Through Step 1 Factor Revised Pace 1
Step 2 Selection Criteria: Step Passed
Cat" Electric Power



Electric Power SpecSizer		
Sales Support web links & documents	reate Guide Spec	5 Dealer Sales Support Links
Define Site Conditions      2. Add Loads      3. Select Geneet     4. Data & Reports     GENSETS		
The project has been successfully saved.     Note: The selected genese is the BEST FIT for the site/load requirements. <u>Go to Best Fit Geneset</u> Number Of Geneses:      So Hz 400/231V 3316 Prime, LOW BSFC, SCAC. Alternator: 1844 PM S     Factory/Site Rating: 1282 DEW / 2275 WA;     Transients CDVR 3:1 slope; FDip: 1.8% VDip Alternato     Compare Selected Compare Optional to Standard	r: 2.3% VDip Engine: 4.1% Selection Criteria: Step	4 Running KV requirements
Guide Spec Document Generation	Customer Sales Support Links Electronic Media Center (EMC)	Dealer Sales Support Links Dealer Sales Support Links Power Net*
Engine Model: 3516 Duty: Prime Voltage: 400/230 V Factory KW Rating: 1820 Frequency: 50 Hz Alternator Excitation: PM Note: Guide Spec & Sales S	EDDC*	Electronic Media Center (EMC) TMI Web* EDDC* elect Genset' page
Cat <sup>®</sup> Electric Power		CAT CAT

ide Spec Document Generation	& French	anned; communicate if need for	other languages
gine Model: 3512 ty: Prime Itage: 400/230 V ctory kW Rating: 1280			
ernator Excitation: PM			
Control Panel		Battery Charger	
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	0		
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EMCP 3.1 EMCP 3.2	0	Standard Premium	0
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EMCP 3.1 EMCP 3.2 EMCP 3.3 EMCP 4.1 EMCP 4.3	0 0 0 0	Standard Premium None Endoare Weather Proof Sound Attenuated	0 0 0
EMCP 3.1 ENCP 3.2 ENCP 3.3 ENCP 4.1 ENCP 4.1 ENCP 4.2 ENCP 4.4	0 0 0 0	Standard Premium None Enclosure Weather Proof Sound Attenuated User defined	0 0 0 0
EMCP 3.1 EMCP 3.2 EMCP 3.2 EMCP 3.3 EMCP 4.1 EMCP 4.2 EMCP 4.2 EMCP 4.4 Control Panel Options	0 0 0 0	Standard Premium None Endosure Weather Proof Sound Attenuated User defined None	0 0 0 0
EMCP 3.1 EMCP 3.2 EMCP 3.3 EMCP 4.2 EMCP 4.2 EMCP 4.4 Control Panel Options Local Annunciator	0 0 0 0 0	Standard Premium None Endosure Weather Proof Sound Attenuated User defined None Start Module	0 0 0 0 0





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Recent Projects	Now displaying 1-4 of 4 Name			
	SpecSizer Sitep EDDC			
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