

	Q1.Before using a plug-in generation system, would you look for information about any rules, approvals or requirements that might apply?	Q2.Where would you go to find information about any requirements that may apply to using a plug-in generation system?	Q3.What would make it easier for you to find and understand information about any requirements that may apply to using a plug-in generation system?	Q4.Households with rooftop solar can get paid for sending extra electricity to the network. Although plug-in systems are smaller, would you be interested in this for plug-in generation, even if there were extra costs, equipment or steps to receive payment?
ID	Response	Response	Response	Response
1	No	Not sure	The supplier has it on their website	Not really
2	Yes	google	clear understanding of maximum tolerances (wattage etc, anti-islanding requirements) and the best way to connect the plug-in system to the rest of the house.	yes but only if it makes economical sense. our house has a baseload of about 800W permanently due to many computers, pool pump, spa pool etc. so I will never exceed consumption
3	Yes	EECA, solar installers, product design / resellers, solar energy brokers, gentailers, power providers	A central (not distributed) repository of information about the requirements, and a separate one for details of products that meet the requirements.	Possibly. It is so difficult to calculate the cost benefit of power plans across current providers (for those of us with solar systems). But if the cost benefit could be easily implemented and costed, then yes I might.
4	Yes	Standards on products that link to govt regulation	A decent govt website	No, at this scale it is more about offsetting cost than making orofit
5	Yes	Google to find the appropriate government website	1 clear authority that suppliers and retailers point customers to	Yes. I would also encourage allowing batteries so that people can store any surplus generation for either self consumption later in the day, sell back to the grid at evening peak or store as a backup in case of blackout.
6	Yes	Chatgpt/copilot/Claude to find all relevant information and rules		Yes
7	Yes	NZ regulatory bodies	PSAs	not sure
8	Yes	The EA	Its own webpage	Yes
9	Yes	Probably this website the info would also be on anyones website selling it in NZ	Just on government websites and I expect it would be included with the grid tie inverters sold in NZ I already have plug in solar it's a Ecoflow power stream 800w it's also connected to a Ecoflow Delta 3 Plus so it draws off this in the evening and of course charges during the day it's set up with zero export via a Shelly 3EM. This has been in my house from September 2024 it is amazing, last month's power bill was \$65 including daily rate	Yes this would be a great option to have
10	Yes	Official online gov sources.	Easy to understand docs etc.	Interested, however im guessing that a plugin system would not leave us spare capacity to export.
11	Yes	Search the internet.	Make sure the right websites appear at the top of the search list.	Obviously, I'd like to be paid for sending extra electricity into the network. The concern I have is around how safe are these systems? If I plug them into the wall, they generate current behind the circuit breakers and RCDs that might exceed rating of household wiring and create a fire risk. The plugs are also live, so there's a risk there of electric shock or fire. I can't believe you've gone to the bother of creating a survey on this, only to then ask all the most benign and ridiculous questions and not ask anything that's actually important relating to this technology.
12	Yes	Where I buy the equipment	Links included in the manufacturer instructions or packaging	Depends on the costs and how big the system is allowed to be
13	No	The box of the product	The box of the product	I very much don't anyone would be able to buy, position and safly plug in enough panels to export power
14	Yes	A government web page	Government web page	Yes
15	Yes	EECA	Yes	NO
16	Yes	Wherever the QR code in the product takes me.	1. What to check for.	No, diminishing returns. Behind the meter is where I don't have to deal with any of you.
17	Yes	Google search online	Connect it to my power bill/power company	Yes
18	Yes	Relevant standards	Keep the standards simple but specific	Yes
19	Not sure	Electricity Authority, equipment retailers	Plain language, straightforward, minimal technical language	yes
20	Yes	Energy retailers website, lines company website, Web search in general and solar-intall companies	Information should easily be available and can be accessed on websites, and simple to read and understand without using complicated industry jargons.	Yes.
21	Yes	The internet and EECA	Plenty of communications from EECA	Yes would be interested in cost benefit ratios
22	Yes	I'd start on the internet, and seek out official (e.g. government) websites	Clear guidance on government websites.	Not for plug-in. I think the systems should be kept small and local - focussed on local consumption and (for plug-in batteries) time-shifting supply to match household demand, rather than arbitraging rates to sell back to
23	Yes	Electricians	A website for consumers	Yes
24	Not sure	No idea. I might try Consumer, or my power company.	Use multiple channels to make it easy for us to find the information.	Yes
25	Yes	My local lines company, Unison.	Relevant information attached to my power bill.	Probably not, as I suspect the minimal proceeds would not cover the "extra costs".
26	Yes	Google	Easy to Google	It would pay to have some sort of import regulations in place ASAP so consumers don't get confused. No doubt there are many "Trade Depot/Tested" -type companies that will start importing these as soon as they are able to and leave it up to consumers to figure it out.
27	Yes	Google	Put it online where google or ai find it	No not worth it
28	Yes	Google/ChatGPT	Plain English. Independent advice.	No
29	Yes	Standards nz and ewrb	Free standards. A website with basic facts pointing to refrences in the standards they apply to and a basic description of how to interpret that	Depends on the costs, equipment or steps required. My understanding was balcony solar is designed not to enable flows back to networks. The benefit is self-consumption. And if anyone might pay me, surely it's the energy cost I'm saving and not network costs?
30	Yes	Probably an AI tool, but I'd ask it to provide sources	A friendly, household-consumer-focused website	No
31	Yes	I would search online	Information at the point of sale (flyer on the actual plug in panel)	Yes, but I'd want the process to be simple and inexpensive. Surely all that's required is a new import/export meter and switching to a new tariff?
32	Yes	I would prefer to find plug in solar requirements on my local lines company's website. Retailers are random and change often, but lines companies stay fixed to their region and already manage connection and safety rules. In Tokomaru our lines company is Electra, so having the rules clearly listed there would make them easy to find and understand.	Clear information should come from the local lines company, because they set the technical rules for their specific network. Power retailers operate all over the country and often get confused about regional requirements. Electricians can also be in the wrong lines area and not know the correct rules. Having one clear source — the lines company — would make it much easier to find and understand the requirements	yes
33	No	Ask my electrician and trust they know the rules	Keeping the suppliers, retailers and installers informed	For a small balcony system, all I would like is simple export offset. I don't need to be paid for export — I would prefer that any export just reverses the meter and deducts from my bill. Every house should be able to export, but plug in systems should stay simple without extra equipment or steps.
34	Yes	EA, Vector (my lines conpany), ChatGPT,	A form that works through questions and gives a result	No, if it was big enough to export, I would have to get another meter installed, and at the point I'd be more interested in stepping up to something useful, not a toy like this
				I already export

35	Yes	My local lines company website or govt website	One website that has all the required information	Yes
36	Yes	Online	Information from Electricity Authority online	Yes
37	Yes	The Internet	Indexing the information with Google and other popular search engines	Maybe
38	Yes	Google	Web resources.	Yes. Given the small output it would make sense to keep it as simple as possible...e.g. net metering rather than export metering.
39	Not sure	Id search online and look for Govnt sites. I'd also talk to electrical engineer mates	check list, calculator for load, council/power company restrictions. list of brands that are to NZ standards, and those to avoid	yes, this incentives the uptake. Might start looking for disaster recovery, systems, but if you can get payback and ensures units are charged more then better ROI
40	Yes	Google	I am checking for an update on plugin solar every couple of weeks, but it looks like no information has been released yet. There are only news articles with vague promises and announcements by politicians. I guess it would be easier to find information if it was released in the first place.	Yes
41	Yes	Electricity authority/ google	Govt info and media	Maybe
42	Yes	My electrician	Will a switchboard upgrade be required?	Only if systems over 1kW are allowed
43	No	Google, Ai	Through supplier websites	yes~!
44	Yes	My Solar quote has a good article on plug-in solar, as does Sunshine solar	do your research, it's easy enough to find	No, they don't generate enough to make it worthwhile
45	Yes	Internet search	Direct brochure mailout or email.	No
46	Yes	Online	The online requirement s information this is the only way the I see is easy enough	Yes
47	Yes	Local Council website, Consumers, Google search	Being in plain english with a detailed breakdown of everything that was required. Pros and Cons, actual setup details/costs, cost savings and cost comparison to other solar units.	That would depend on the cost savings achievable after the extra costs, equipment and ease of process.
48	Yes	Speak to power company and an electrician	A download of my hourly usage of power rather than the monthly figures which I have recorded over 5+ years	Maybe
49	Yes	The vendor and the Electricity Regulations. Perhaps Consumer Magazine.	A dedicated website. BRANZ ?	Yes.
50	Yes	Google, ea.govt.nz	A website with clear instructions	Yes
51	Yes	Government, reputable solar companies	Online	Minimize the costs
52	Yes	Usually this would be clearly listed on the worksafe nz site, I expect they would have a whole new section added for plug in solar just like USA, uk and Germany has done.	Have a very clear website and page clearly listed that specially covers and mentioned everything related. Such as pluginsolar.nz or something like this so that it's ultra simple and easy to find. Also then get seanx nz to mention and links that page / site also and also fb group solar power nz to link it also (as the admin of they group I would be more than happy to link it).	Yes have it as an option thanks. Also please let work on giving true Net metering for 2 phase and 3 phase sites within nz just like they have in uk, USA and Australia also thanks. NZ is so far behind in this and it's a simple rule / regulation change that could be done at the same time thanks.
53	Yes	The internet	If it was all available from one independent source.	Maybe.
54	Yes			Yes
55	Yes	The retailer and product packaging. Google search and AI summary	A simple guide being included with the panels	Possibly depending on the cost. Our house static load is around 300w so there is potential for export
56	Yes	Govt	Local roadshow	No
57	Yes	Council websites....company websites	Having a 'compare all' option from an independent source	Maybe
58	Yes	Stuff.co.nz	Part of advertising.	Yes
59	Yes	Google, chatgpt, official websites that those lead me to	Share info with leaders in my community who I go to to find out about climate action	I would think it was probably too complicated?
60	Yes	Not sure	I guess having all the information in one place on a website.	I might be, it all depends on the cost.
61	Yes	Online	Easy to understand website	Would depend on the ROI
62	No	Retailer or product packaging	Retailer and product packaging. Realistically, If I can buy it from Harvey Norman or Bobs Solar shop down the road, I expect to be able plug it. Needs massive public education and really obvious packaging on restrictions. very easy to overload systems if people try to do 'house sized solar on the cheap.'	Unlikely to be economic but could encourage people to install more than circuits can safely cope with. Probably better to not allow export.
63	No	Its my house so if i plug something in then not the government problem so wont look for any information	No where as once available a can just buy and plug in	Not really as less people that know i have plug in the better
64	Yes	don't know.	info in local newspaper or emails with links to where to find out.	would need an interest free loan from government to cover the costs.
65	Not sure	Id assume the company providing the equipment would advise	information supplied by retailers and general communications in main stream media	What about mini wind fans on homes etc as seen in Victoria, Australia. of course!
66	Not sure	I would assume that if I can buy it then it is safe to use, just like solar lights	Information on the website and or at point of sale	It depends on if it is worth the total financial investment and how long payback periods are. If it was a \$500 solar panel and it could save me \$ then great, but if I then had to buy a battery and it was going to take 5 years to pay off, then probably not.
67	Yes	online internet	list in plain language	yes
68	Yes	Electricity authority, NZ news/reporting sites, website of my energy provider.	A dedicated website or webpage(s)	Yes
69	Yes	My lower power lines company for their rules and requirements. Google search.	Just a nationwide standard would be a great start and then a lines company area rules.	Yes its really good to have any options so we can choose what suits the dynamic situation.
70	Not sure	Retailer information would be my first source Would refer to govt info if its well presented, relevant and not full of bureaucratic overreach	The services being available now would make it much easier to find information from retailers	export to grid is mandatory for DA success, as load in a household may be under the DA output. There should be no additional cost. Without it consumers would have to buy batteries unnecessarily
71	Yes	Internet	Basic information	Yes
72	Yes	Electrician	From my electrician	Yes
73	Yes	Google search, info from retailers, AI - chat-gpt	Local tv / radio adverts - clear information on gov website.	I'm not too worried about this for plug in systems.
74	No	From the retailer/supplier	Bundle it with the product at the point of sale	Depends
75	Yes	Ngaio climate crew, eeca, rewiring Aotearoa, Google	If it was included where you would buy the system	Maybe if it was worth it
76	Yes	Local lines company	a simply pdf outlining limits, the rules cannot be over complicated or people just wont read them	yes
77	No	I'd assume the seller would only sell legal items	Vendor should supply	Yes, depending on return on investment
78	Yes	Ea.govt.nz	Tv advertising	Yes
79	Yes	Council and government websites. If the equipment meet NZ standards. Sold by a reputable retailer.	Have NZ standards that the equipment has to meet to be assured its safe.	Yes
80	Yes	Probably EA, and maybe then the local lines co.	Good website data of technical performance, suppliers and costs.	No, only interested in own use because retailers have market power and don't pay a fair price.
81	Yes	Govt website or local lines company	Public advertising	Maybe but probably not cost effective
82	Yes	Retailer website, city council, electricity authority website, power company website	Having a simple list of dos and don'ts	Yes, only if the government subsidised it and it's a reasonable price
83	Yes	Internet	Information sent to me	No

84	Yes	Supplier and instructions	Include the info with the panels at point of sale	Yes
85	Not sure	Claude Google	Searchable online	Yes
86	Yes	Google or MS Edge	Summary with bullet points	A government subsidy will help decide.
87	Yes	EECA, Consumer, website search, Companies supplying systems and the Registration they should have to prove competence.	EECA publicity and publications and Industry trade organisation and compliance with regulations.	Certainly interested in plug in solar as we have a perfect balcony/upper deck space with easy installation and access. Financial benefits essential though - we want quickest payback - we are octogenarians.
88	Yes	Electricity Authority, Worksafe, standards NZ	NZ specific certification tick, or a list approved products on EA website.	No. Just allow it to be simple small behind the regular meter with minimal cost. No need to pay for a bidirectional revenue meter
89	Not sure	I wouldn't be sure. I would have expected any requirements to be included with the system I had purchased. To be honest, if it didn't come with a clear indication of any requirements / warnings, then I would assume I could use it within my home without concern.	Knowing that there were requirements and considerations I needed to be aware of would be a good start. I would certainly trust information on the EA website. Also, the wiring in my home is old and, if there are specific requirements for plug in solar, I would want to know my specific circumstances would be safe and suitable.	I would if the amount of generation I was producing made this worthwhile, but I am not yet sure whether or not it would.
90	No	computer	a independent adviser to online consumers	no
91	Yes			
92	Yes	I would hope it was mandatory for the system to be sold with a QR code or website address, so I would know where to go. Otherwise, it'd involve searching and hoping I found the right source, and that what I found was clear and easy to understand.	Answered in Q 2.	If it was worth it financially, yes, but that seems unlikely.
93	Yes	I'd search the internet and take advice from any site with a .govt.nz on the end. Too many fake AI generated sites out there now to trust anything else.	Having any information about requirements would help. At the moment there is no information available so I can only go off overseas regulations and guesswork. The reason I came to the EA website was to try find some authoritative information on what will be allowed.	Yes, my house already has an import/export capable smart meter so I would not need anything extra
94	Yes	ESR 2010, AS/NZS 3000 section 7	show me how an exposed plug with potentially live pins is safe.....	nope, the setup is inherently dangerous and theres enough cowboy installations out there already plugging in RV style camping systems
95	Yes	Websites	Online websites	Only if the cost would be offset
96	Yes	The manufacturers website. The sellers product pages. Maybe government websites but depends how simple and easy the information is to find. Some products operated with an app also seem to provide information on the app that you must review and accept. Asking a solar installer could also be an option, but only if they have the right market incentive to want to assist in the lower end of the market, otherwise they will likely not supply them. For example if we also go with the option some countries have of allowing for the new modern systems that support a varying inverter limit - eg 800W under consumer plug in schemes, but the same units can often support ~2000W if hard wired installed by a certified electrician assuming the inverter can meet conventional grid tied inverter compliance (typically checked then reprogrammed by an installer/service mode). That would give the install installers an incentive to stock, sell and educate people on the their local solar installers about plug-in systems - the solar installer has an incentive to resell them and educate their local community. Sometimes these smaller flexible systems can be installed by long term renters if permitted too, as they are typically more self contained than a full scale solar system and therefore the wiring may be easier to reverse when leaving the house.	Clear and simple website that gets the key points across, and where people can then go to buy the systems. Maybe request the EECA update their solar estimator to a simplified version that lets people pick Plug In or Professionally Installed and they get information + an estimation together. One of the most important things would be having us align to common international standards and conventions. For example on power limits, I believe that its common to allow 800W into the wall plug, and up to 2000W of solar panels. Aligning to common standards means when people come across information online, even if they accidentally discover international standards such as the UK or European standards as they likely will, we're consistent with their common conventions. The top results on google are going to have a lot of international sources, and AI tools will be overwhelmingly trained on foreign datasets even years after our own standards are finalised, so going with the tide rather than fighting against it will help, even if less ideal than a direct official source. It would also mean manufacturers can easily make their equipment compliant, especially for industry safety standards like anti islanding and auto cut off.	Yes, I think it should just require an export meter upgrade and then all electricity plans to offer some form of buy back rate, even if it's lower than regular solar plans. And new houses should be recommended to be pre-fitted with export compatible meters at some specified date in the future. Whether it is made mandatory would be likely a more political decision from the lines company or government policy, but it should be recommended regardless.
97	Yes	Govt websites	Govt websites	I would prefer to set up full house solar if I had a means to. I am concerned about the dangers of running plug in solar, considering most old houses have old wiring. I am not sure the safety of running high amounts of current through old circuitry.
98	Yes	google "plug in generation nz", check with my retailer website and even my lines company.	Each party (retailer, lines company and supplier) should have a mandatory section on this subject , even if it just refers the query to the somewhere like EA or EECA or other authoritative website.	I think it is best to talk down the injection part of the discussion, it is a small bonus and should not be part of the pitch. Afterall, everyone is trying to inject at the same time, when the load is the lowest! Since they are not fixed wired, they should not have ability to earn from the grid, as that encourages random generation. Earning from plug in will encourage over selling and other issues.
99	Yes	Councils websites	From electricity providers websites, emails.	Yes, if the public are making energy for the fridge they should be paid or given discount.
100	Yes	EA, MBIE, local electrician	Make it a requirement to provide a leaflet or even just QR code with retail sale?	Yes, as long as they are the same steps for fixed solar as the plug in system may be a stepping stone for many.
101	Yes	Site safe, ewrb	Guides, typical application scenarios. What is not permitted, information about scalability	Yes
102	Yes	My electrician	Online resource with plug-in solar details	No worthwhile for the small generation quantities involved. Best value is to be had by offsetting existing consumption.
103	No	From whoever sells it.	Plug in, I assume its an appliance and I just plug it in.	It would be nice
104	Not sure	No Idea	Sellers must provide	
105	Yes	EWRB or the Energy Safety Service branch of Worksafe	Regulations to be sold with each panel along with compliant installation instructions.	Yes
106	Yes	EA, the code EIPC, search engines	Clear Industry standards	More important to offset consumption, this is a low priority
107	Yes	I would just google search, ignore the AI nonsense and look for the website with .govt in it	For the government to make the website with all the rules and regulations easy to find in a simple Google search	I really dont care to make money it would be more to lessen my own power bill
108	No	From the supplier	Information from supplier	No
109	Not sure	Sales company	Be on a part of the sale process to give me everything I need to safely use these systems.	I don't really see there being much excess if any from these products. It would likely only be for apartment blocks and my concern is with how these are installed safely to ensure there is no danger of falling panels.
110	Yes	no idea	website	no just to keep a few things charged up like computers and phones
111	Yes	internet forums and gov websites	Suppliers and sellers	I don't think so, it will not be significant amount to sell it back. mostly it will be self consumption.
112	Yes	Ministry for regulations	A dedicated web site	Yes
113	Yes	EA or Renewable Energy advocacy groups	Flowchart or decision trees	Yes
114	Yes	ea.govt.nz I suppose	Flyers on my mail box	As long as it will make financial sense I want extra plugin solar on my balcony
115	Yes	The retailer	That the retailer ensures it is understood before selling it.	No
116	Yes	A .govt website.	A quiz.	It would depend on the ROI.

117	Yes	Ea website, Google, power provider	Easily available and easy to understand	Yes
118	Yes	Government or seller	Basic understanding	No We are 3 phase so need options
119	Yes	Electricity Authority, local tradie, internet.	Good web page.	Probably not, asxwe already have some feeding the grid. We just need a bit more, for less money than what we paid before.{
120	Yes	Not sure	Information at point of sale	Yes
121	Yes	owners manual EA website	Government advertismsents on TV / Radio.	No. I intend to use the power for myself.
122	Yes	In answer to the above, you are setting up distribution workers to unseen hazards as people won't care about whether somethings certified or not and they'll just buy from the cheapest source i.e. Temu. This commentary from a registered electrical worker	N/A	N/A
123	Yes	equipment website	information on equipment provider's website	yes, though isn't the payment for sending extra electricity to the market (on the network)?
124	Yes	Google search or a known providers website	Easy to understand website. Step by step	Yes
125	Yes	EA, Wellington Electric or Tanspower	Overall limits, limits by circuit, safety recommendations/guidelines	Yes, but this should probably be optional as I know others that wouldn't.
126	Not sure	Should be present on the product box, page, or information and already be compliant by nature.	Make it fool-proof and already handled in the product.	Yes. The costs would have to be minimal/trivial, however. Extra steps or equipment are more reasonable.
127	Yes	The electricity safety regulations, AS/NZS 3000 and any other standards referenced by either of those instruments. But im a sparky. A non sparky wouldn't do any such thing.	A big sticker on the product packaging clearly telling the person buying it not to plug it in on old wiring and not to plug more than one system in on any one circuit.	No that's a dumb idea. These things are tiny by comparison to a rooftop system. Its also a bad idea to do this at all. The UK got away with it because they ring feed their 16 amp GPO circuits so there is up to 32 amps of current carrying capacity in the circuit protected by a 16 amp MCB. In NZ we radially feed meaning if 5 amps is being fed in downstream of the MCB then other GPOs on the same circuit can draw 21 amps without tripping the breaker. Thats burn your house down shit right there, especially on older installations wired in 1.5mm2 hard drawn wire. If youre going to do this you need to make a rule saying plug in solar must only be installed on a dedicated subcircuit. Anything less is going to cause a house fire at some point. Avoiding which is pretty much your whole job by the way. Just saying.
128	Yes	EA	A clearly written Website explaining the roles with worked examples of different cases, explaining what people in each scenario needed to do and consider.	Potentially
129	Yes	Google/AI	Government website	Yes
130	Yes	Power company / lines company websites.	Explicit requirements for complying products, and or list of approved suppliers/products.	Don't over complicate it - this would require an export meter? Do this as a second phase later on. The whole point of balcony solar is the lower cost, and lack of complexity.
131	No	Store it was brought	Infomation supplied when is purchased	No. Self use first. I imagine there will come a time with excess generation causing the value to be zero or negative, i would rather skip this step so over supply does not happen with people trying to credit for line charges
132	Yes			Power companies do not pay in any meaningful sense of the word. At best you are getting a minuscule discount.
133	Yes	EECA, Consumer NZ	Google search	Not really, just want to save money.
134	Yes	Online, from suppliers	Very clear steps and regulations around this defined by a central regulator.	Yes
135	Yes	Electricity Authority, suppliers websites	A dedicated website detailing all regulatory requirements, compliances and approved plug-in systems. The operating conditions and space requirements and the limitations or constraints.	Possible
136	No	Rely on information from the purchasing retailer of the plug-in system.	An information pack when purchasing a plug in system detailing the applicable requirements	Yes
137	Yes	Electricity Act 1992	Promotional and summary material distributed by government departments outlining the rules from the electricity act such as technical requirements in bulletpoint form	The government needs to impose a regulatory system where all residential and small business electricity meters or ICPs are to be generation export capable by default and electricity retailers will then need to adapt to make it easier for consumers. Where smart meters exist, export capability should be added to all existing plans. Where older dumb meters are installed, a smart meter upgrade to make the existing consumer billing plan export capable would be allowable.
138	Yes	Government departments	Plain and simple language	No
139	Not sure	The internet/Rewiring Aotearoa	A knowledgeable sales assistant and a one page, online information sheet that is in lay-man's terms about plus in solar requirements	Yes
140	Yes	Yourselves, electricians who work in this area.	Simple clear filters and explanations. Off I could buy over the counter that would be great.	Yes
141	No	An electrician.		I see zero benefit in this. I'm also pretty sure as it stands that this is currently illegal.
142	Yes	EA website	Guides on what is allowed	Yes Survey is very short, should have asked about batteries. Small battery should be allowed to allow some small ammount of storage
143	Yes	Sellers and Government	An obscene Google ads spend by you?	Yes
144	Yes	Internet searches and electricity authority website along with Consumer, Canstar and MoneyHub websites	A simple plain english web page with a Q&A section	Maybe it would need to require reasonable effort and have a long term beneficial impact
145	Yes	Online	Simple plain english	No, plug should be for self consumption
146	Yes	Electricity Authority, or a local installer	A handy web site	Yes I would, though my enquiry to Meridian was rather blunt on the matter. They haven't committed to paying for electricity generated going back through the meter to their network.
147	Yes	Every where i am not a complete idiot so dont rely on obscure government statements as they often apply obscurification to critical issues to just protect the auther.	Saying what you can do, what you cant do, and grey areas and who can easily clarify those for you at no or little cost.	Of course what a stupid niave question. You need to hire someone who nows how to write good survey questions.
148	No	Google	App that comes with it to setup etc	Only if the Buyback Price was a lot More
149	No	Operators Manual	The system should be safe enough for the end user to just plug it in and away they go. If this is not the case the end user should not be allowed and it should fall under a solar endorsed electrician as it is grid-tied.	Would need to put a government backed minimum market export cost. This stabilizes the market, you can look across the ditch and as solar installs have grown in Australia the export tariff in most cases has gone all the way down to 0.03c. In most cases its not worth exporting, yet so many people seem to think the goal is to export as much as possible and be a generator. People need to be reminded the savings are in using this energy generated.
150	Yes	national data base about self generating from solar	the need to create a national data base about electricity self generating from people who might want to save money generating	the amount paid to supply surplus power into the grid is to low at moment, if a better price was given by power companies more people would look a self-generating, as the return time to cover the solar panel etc costs would be less.

151	Yes	EECA, MBIE, EA, Comcom. Anywhere that is in charge of regulating these things.	Making it easy to find, not hidden behind layers of webpages. Ensuring that it comes up fast on a google search and will be included in AI summaries that people might ask for	I don't think it's worthwhile given I don't think it can be a long term set up (especially if I have no way of storing it till it's needed). Id be most likely to use it to charge my ev
152	No	The manufacturer and perhaps WorkSafe NZ or even Consumer	Notifications/publications from WorkSafe NZ	No, I'd only buy them for my own use, local consumption, not to export
153	No	The box	Short instructions	No
154	Yes	Research agents, e.g. Claude, Gemini, specifically asking them to provide official references.	-	Yes
155	Yes	EA	Suppliers	Yes
156	Yes	On any products, at diy stores, on govt web sites.	Having a common standard that products adhere to, that is aligned with other countries with similar electrical standards.	Yes. Depends on the additional costs.
157	Yes	Electrical regulation web sites, MBIE web site for tenants and landlords, solar web sites, specific government web site for solar. I would want to see a web site like Sorted have information for budgeting and calculating benefits vs costs. I personally cannot see how plug-in solar provides much benefit - the cost of purchasing probably outweighs the benefit. Can't be much to sell back to the grid - if any. Our regular usage without turning on any additional appliance is about .4-.5kWh (fridge, freezer and devices on standby). How much does plug in solar provide over and above the typical hourly energy need - would there be anything left to sell back to grid. Grid purchase price for generated power ranges from about 8c to 20c per kW - pretty poor when users pay 30-40c per kW used.	Lots of good and factual information available from the government in written form and web site form about rules and regulations, criteria / regulations / permissions required etc. I particularly want to see good information available to landlords who may need to field inquiries from tenants regarding using plug-in solar. Not all rentals have great wiring - eg some houses that are 50-60 years old and have original wiring in some places - I would be concerned about safety and damage etc. Are landlords going to be required to provide external plugs for tenants to use for plug in solar.	Can't be much to sell back to the grid - if any. Our regular usage without turning on any additional appliance is about .4-.5kW per hour (fridge, freezer and devices on standby). How much energy does plug-in solar generate over and above the typical hourly energy need of a house - would there be anything left to sell back to grid. Grid purchase price for generated power ranges from about 8c to 20c per kW - pretty poor when users pay 30-40c per kW used. if this is going to be promoted then a minimum buy-back price should be enforced on power providers. Much more use of solar energy provided by roof top solar should be promoted by the government. It is a shocking waste of good energy when there is such a hew and cry about needing to create more power generation. Lets also at least use what we current are generating and not waste it. One of the things that should be done is to engage in better power storage such as Contact Energy has done via batteries. And there should be subsidy on batteries for houses so there is less draw on the grid.
158	Yes	Internet	Booklet with whatever product I bought.	Must be cost effective. If any excess I would prefer to store it in a battery.
159	No	The box it came on	Tv adverts	No
160	Yes	Test	Test	Test
161	Yes	You electricity provider	Info brochure	Yes, very much so
162	No	I wouldn't. If it was available in New Zealand then it must be ok to use.	When I open the box	No, it would be insignificant. You would need too big a system to get to the point of exporting power.
163	Yes	Check website for Electricity Authority, Off-grid discussions on web, comparison with Australia (the UK has some commentary by solar installers on plug-in generation.	Youtube and web commentary on how to do it safely, what checks are required and any standards/limits/limitations.	Yes but it would be worth thinking about a range of options: 1) plug in without payback; 2) plug in with pay back; 3) plugin plus batteries without payback; 4) plug-in with batteries with payback.
164	Yes	on line or in the product manual consumer website.	probably a dedicated Web page / resource	Personally no. If they are limited to 800W then this would tidy up baseload in my house. With minimal avaiable for export and given the buy back rate is minimal I'd be better off self consuming say via a PIB or HWC
165	Yes	Local authorities, Google, ai searches	Easy to find the information	No
166	Yes	Suppliers and the Electricity Authority	A website guide with all information needed to make an informed decision whether plug in solar is worth spending money on.	Yes, even if it meant a more expensive system and a certified tradesman to set it up.
167	Yes	Ea	Website dedicated to it	Not worth it for small solar units
168	Yes	Online search engine AI Social media	Feed summary information to AI	I would be keen if another party can manage the complexity and unknow for me
169	Yes	Electricity Authority or my local council page	have it in both video and info graphics	I would like to know more about it but my main goal is to lessen my dependency on the grid
170	Yes	Google or AI	Standard off the shelf product that can be purchased from Mitre10 or Bunnings.	Yes but no need for extra equipment. Meter owners activate by default export registers and incumbent retailer pays for export at default rate.
171	Yes	Government website	A handbook	Yes
172	Yes	AI and Google search	A clear authoritative source of information on the EA website. Should also cover adding plug-in solar to an existing solar implementation re voltage levels and net grid feed-in	Yes. Given the expected popularity of plug-in solar it would be useful if every new meter was set up for both import & export
173	Yes	New Zealand Standards.	Have an easy to understand information on a website such as this.	No as have rooftop solar
174	Yes	google	google sending me to the right place	probably not. easier not to be grid connect for small system
175	Yes	Internet, AI. Regulations	A goverment based website	No
176	Yes	Yes	Yes	Yes
177	Yes	Mobile networks	In English	Yes
178	Not sure	The website of the retailer selling the system. A government site if it came up on a Google search	Well written website	Unlikely to be worth the hassle, and we'd likely consume what we generated.
179	Yes	Govt website	Information that comes with solar plug in	Yes
180	No	The packaging	Pictures and simple language on packaging	NO
181	No	Why it is a consumer product	Make it available now not at launch	Why would i not. Silly question
182	Yes	Internet	AI saying it's illegal in nz	Definitely
183	Yes	Internet search primarily of bonafide agencies and follow up as needed.	Curated website information from relevant providers and Govt agencies	Yes
184	Yes	MBIE Electrical Safety, Your group, building and Housing.. Electricity suppliers inc generators.	Web site outlying the requirements. All electricity bodies etc with web sites accessing the requirements. Publicity etc..	yes
185	Yes	Online, maybe on the electrical authority website	If all information was gathered in one clear document	Yes, if the cost are small enough to gain financially from the export and the process to make it happen is very easy
186	No	If they are for sale then I would assume that they are legal and can be plugged in	As above. When I buy A TV I expect to just plug it in - not research any details about regulation. Customers will expect any requirements to be dealt with at point of sale.	Depends on the costs and benefits
187	Yes	Internet, Forums, EA, resellers		I already have solar with export
188	Yes	An electrician	Restrictions when purchasing ie only registered electricians can purchase and install them	No
189	Yes	Google	Clear and precise rules	That involves applying to the power companies, changing meters, lots more work than a simple plug in system
190	No	From where I would buy the units from	Should be supplied with the equipment	No, best value is reducing my electricity bill.
191	No	I would just rely on the seller to provide appropriate info on the systems they sell.	As long as the sellers know and are only selling approved / appropriate systems then as a buyer I shouldn't have to worry.	Not really, the buy back rate is too low.
192	Yes	Google	Checklist and advertising if there's a launch	Yes
193	No	I wouldn't. I would assume because it is on the market it would comply	targeted advertising on social media. television ads	yes
194	Yes	Goggle then YouTube	Information re its use should be contained the packaging of new system just like many appliances.	Not interested because power suppliers have a vested interest in restricting its use.
195	Yes	EECA or MBIE the main concern would be electrical safety.	some requirement for any seller of plug n generation to provide the necessary information and e approved by /?????	no. Any initiative on plug in solar is going to have a vanishingly small impact on the system. The EA should focus on issues that will give more bang for buck

196	Not sure	Online	An easy to understand guide/page	Could a plug-in system generate enough power for it to make financial sense to pay extra to sell power?
197	Yes	Internet	Just basic transparency	
198	Yes	Official sites of the New Zealand government. DONT CAP THE FEED IN on built in the last 5 years. they all support 2kwh feed in with ease.	Text and diagrams always help.	yes. I have a system al ready and I would like to put plug in solar to feed into my system when the roof does not produce enough, in winter. Having plug in saves me a lot in electrician labour. Considering that there are already solutions in the market. For instance, the brand Deye has an all in grid tie + plug in system running for the European market, this includes micro inverters as plug in or plug in + battery solution.
199	Yes	ea.govt.nz	A dedicated webpage	Depending on the costs versus the returns.
200	Yes	Electricity Authority website, EECA website, electricity retailer website	Finding it in the websites mentioned in response to question 2.	Yes
201	Yes	No idea	The retailer	Probably
202	Yes	Updated regs, guidelines, or an electrician up with the play	Substantial Guidelines from Electricity Authority or similar. While a quality ready made system or kit-set should be safe in itself, inappropriate application to domestic wiring has many potential hazards - but using an electric jug, two-bar heater, or similar appliance is also subject to such hazards - how are those hazards dealt with now?	Present rooftop solar feed-in rates would be a poor incentive for plug-in solar take up.
203	Yes	Ea	Videos	No. Not worth it. Payback would be poor
204	Yes	google	simple govt step by step guides, or in store info panels / posters	YES, this would be a lost opportunity if not
205	Yes	To the electrician/installer/shop where I bought it.	Would be good to have a govt. website with all the details.	Hell yeah brother! Need to explain the cost of install and the need to potentially change power plans with your electricity provider.
206	Yes	EECA website or do a general web search.	a page called Plug-In generation that is well referenced across government websites and high on search engines	mildly interested. have read a lot about how attempts to sell-back electricity to grid gets nothing for consumers, or indeed, there is even a electricity company charge (fees) for that! if there were extra costs on top of that, then will make it even more attractive. the main use case for rooftop solar would be to power the home using solar.
207	Yes	Suppliers website. Electricity regulator. Council planning rules (can't believe NZ does not have standardised rules across the country).	If all suppliers linked to same information	Yes. And for fence and window solar installations - don't just concentrate on one technology!
208	No	local line company		Yes
209	Yes	When a website is up and running it'll have all the information available. Don't explore overseas websites, the rules are different.	As above	Yes. I see it as an addition to my rooftop Solar.
210	Yes	Supplier; EECA; Sustainability Trust; Consumer; Rewiring Aotearoa; my electrician	Clear information from trusted sources	Yes... but how realistic is this ever going to be for small plug-in systems?
211	Yes	Either included with the plug in generation equipment as a pamphlet or a sticker attached to the equipment.	Manufacturer's instructions	Likely unworkable as the amount of plug-in generation would be so small compared to a 10kW distributed installation. Additionally, the export metering required would be impractical.
212	Yes	MBIE website	retailers having clear factsheets	Yes
213	Yes	Work Safe website or EA website	Making the relevant standards available to everyone and have a summary document so that everyone can understand it.	I think it should be a question of cost. If additional equipment is required that can be paid for. Additional steps on the site of the electricity providers (EDB or retailer) should be carried by them as their system should be able to handle solar generation by now.
214	Yes	They really should come at point of sale.	QRA code to simplified rules.	Yes
215	Not sure	Would rely on a search engine to show me the best source. Would possibly use an LLM to translate to plain language if the requirements were complex.	A short, plain language summary with specific figures highlighted clearly. As well as a more in depth version that can be referred to when the summary does not have enough detail for anything i'm unsure of.	Presumably this would only apply to households with a massive amounts of plug in solar with no one home during the day, or households with rooftop and plug in. Surely any residual energy use from things on standby would suck up a lot of the plug in solar? Maybe not, as what would be the point of it if it did not produce enough energy to actually use. On principle, yes I think that this should be an option that users can choose to opt in to. It would be unfair for this to not be an option at all. The reason why I'm recommending the opt in is due to the question of extra costs or steps. IF there are no extra costs (and no extra equipment is necessary), then perhaps it should just be the default?
216	Yes	Not sure	Electrician guidance	No
217	No	From the product	Make the product conform to requirements	Yes
218	Yes	ChatGPT	If it was included in AI	No
219	Yes	Google and EA/EECA/WorkSafe websites. Possibly also distributor's website if needed, but would not necessarily expect to export.	A single source of information - particularly something that is written with the target audience in mind (eg, renters and apartment owner/occupiers).	Perhaps, but as above, the main benefit to me would be utilising balcony solar during peak periods. It is not about making money but saving money. Many households are struggling and for those who cannot install rooftop solar (which is often related to affordability), the priority would be reducing power bills. These households aren't necessarily interested in profiting - they just want to reduce their outgoings so they can afford to live. The focus should be on ensuring equitable outcomes and sharing the benefits of solar across all consumers. Export credits are not a bad thing of course - but we need to make sure everyone has the ability to reduce their peak consumption (noting that not everyone can shift load).
220	Yes	this site, council sites, consumer nz, industry sites.	a simple calculation tool, and a guide to market.	yes
221	Yes	Probably MBIE's building performance part of its website and/or my local Council.	A single source of truth on a govt website detailing what I need to know - where to look for electricity type approvals, where to go to find out about any planning permissions etc	Maybe - would depend on how much it would cost to set up compared to the likely return
222	No	Facebook	Require those selling the panels to provide the information	Yes
223	Yes	Google, AI, SEANZ, local electrician or solar company	Govt publicity campaign Retailer providing information e.g., with bills SEANZ or Consumer NZ being given funds to publicise plug-in solar	No, because the amount of export would be negligible if the power class was <800W
224	Not sure	Ideally plug-in solar panels in New Zealand would be available at Bunnings or Mitre10 or retail electrical appliance providers and have instructions and guidelines that would apply on how to adapt or plug-in to New Zealand electrical system. I mean voltage is different to other countries, plugs, etc. If not the seller then I assume a national electrical authority or ones electricity provider or gentailer would give guidelines on specific systems that would be allowed to be used in New Zealand?	The easiest would be with the product provider. I assume their wouldn't be a need for council compliance. I would expect my electricity provider to want to know whether one had a plug-in unit (and the number of units). I personally thought would get into plugin not to sell back to the grid but to reduce costs while appliances are working but I guess some power might be generated to sell back to grid so electricity provider retailers would need to all have the same guidelines for the plug-ins? Therefore I guess a national electricity authority would have all the info needed.	As mentioned above, initially I wasn't looking at selling back to grid however I guess when the sun is shining and we are home probably a good idea to be able to sell back to the grid if the extra steps and cost were not too high.
225	No	no idea	supply with system	maybe
226	Yes	I would probably just do an online search. I wouldn't be sure where specifically to look.	Online information - written or video I guess. Maybe ads would tell you where to go if you want more info. Having relevant orgs on board eg. Rewiring Aotearoa, Sustainability Trust to help share info?	Probably not at this stage

227	Yes	EA	?	Yes
228	Yes	AI	Website	Yes
229	Yes	Online	Not sure	No and households should not be allowed to send extra-electricity to a network. NZ has surplus hydro electricity
230	Yes	news articles and google	Clear guides that show safety information and how it works in non industry terms	No, because I don't think it would be worth it. Although it would be good because it would likely involve extra steps in making sure the systems are safe and compliant.
231	Not sure	Consumer NZ, or just not looking for requirements & trusting that if a unit is sold by a NZ company it is compliant		Yes
232	Yes	Local EDB/lines company website, EA website, Google, Reddit	A section on the EA website or perhaps the EWRB site	Potentially, it depends on the costs. In my opinion new meters should be installed with the export registers configured to begin with.
233	No	If allowed, I just want to purchase an approved system and know it complies 100% and plug in and use, no hassles!!	If compliant at points of purchase makes it simple	Absolutely YES
234	Yes	Google	Targeted advertising	Yes
235	Yes	ea.govt.nz, rewiring.nz		There would need to be a pretty clear reason for the extra cost, eg physical meter replacement.
236	Yes	EA, EECA, Worksafe, I'm sure googling "plug in solar rules" would produce some good info too.	Maybe a dedicated webpage with easily digestible info with images?	Yes absolutely, although the inclusion of built-in batteries in plug-in solar systems would make getting paid for excess generation less important, as self-consumption would rise a fair amount, reducing excess generation
237	Yes	Ask a solar installer or the EECA or local Council website.	Information cards being available with the product or where ever it is advertised or sold.	Probably not worth it given the level of power generation would be consumed by the household, especially if plug-in solar could also include plug-in batteries.
238	Yes	Google	Highly advertise it	Yes
239	Yes	Do known	Easily available online source that has information about it	Yes
240	No	Work safe	Govt web site	No
241	Yes	EECA, Other government bodies (MBIE??)	A comprehensive guide, accompanied by a "bullet point" simplified version, published by the relevant government authority.	Probably the most important potential benefit would be saving money by reducing import of energy, followed by backup power during a power cut (if possible). With a small generating capacity I would not expect much return from selling power back to the grid.
242	Yes	Electricity authority NZ, Council, retailer	Having a one-stop-shop	Yes if able to opt-in or opt-out
243	No	Search for hours n hours n find nothing. I tried to find how to set up a retail power co, nothing on yr www so phoned n directed to www, 2 hrs of search n nothing, phoned again , same answer so another 2 hrs of search your www and no result. Is it deliberately hidden ? Why can't yr person on phone direct me to proper information? This whole system is set up for profit maximization for big companies , nothing about a fair price for home or business consumers so Nz keeps going downhill in productivity, gdp per person, overseas income to spend on infrastructure - now we in 2 nd world and 3rd world is here for some and many more in another decade . Why? How?	Don't hide it behind a list of other headings. Into search box and get directed to proper place not a million other topics	There's only few co's willing to pay realistic price for consumer production n export back to grid. I wanna export to family, charities, schools anywhere so long as I enter their icp. Never mind setting up power co rogmorol if I enter their icp so it should happen n I await excuses why it can't happen - my attitude is ' how do we make this happen. ? Not the Nz anthem of no no no no you can't because , because, because ad I finitum- to protect status quo n doing nothing to improve anything.... Why is this SO EXPENSIVE in Nz compared to other countries . I'm aware of all the excuses but they don't stack up to examination nor critique. OH DEAR, I'm offending people who will become more catatonic and frozen against progress
244	Yes	Google	Allow it to be searchable on google etc.	Yes
245	Yes	The EA, electricity regulations, asnz3000 and other solar related standards.	If the EA released a rule book for it	Yes
246	Yes	My energy provider - Contact. Or Electra	Online information from a reputable source	Maybe - if it weren't too difficult to do and not much extra cost.
247	Yes	EECA website and overseas reviews	EECA website updates	Yes
248	Yes	EECA	Supplied instructions	No
249	Yes	EECA website Council plan NZ Standards website		No
250	Yes	To the appropriate government web site. maybe a solar web site. maybe an electrical regulations web site	Government needs to get the info out there and update the population on where to get info - web links, brochures, emails, through power providers and electricians	Not sure - would need a lot more info to think this through and do my own research about the costs and benefits and ROI.