

CWA Questions	Linda Kay Rogers	<i>Larry Landaker</i>	Robbie Boone
<p>1. What is your opinion on global warming? Do you believe it is happening? What do you think is causing it?</p>	<p>I absolutely believe in global warming. There is too much evidence to support it. The collective years of my life confirm it. The environment screams this fact.</p> <p>I believe there are a number of factors contributing to the global warming. One is the historical fact that the earth is in a naturally warming trend and has been for millennia, regardless of the impact by man. BUT, the impact by man has certainly accelerated this process. Population is increasing at unprecedented rates. With this increase in population, especially in the lower economic areas of the world, has come the stronger drive for survival. Thus these people have responded to survival, with no thought of their impact on the planet now, much less the future. Vast areas of our world are being deforested. The drive for survival contributes to this, but by far the</p>	<p><i>Unequivocally, I believe global warming is happening. I believe in science and credible, independent scientific evidence and scholarly opinion is nearly unanimous on this. Global warming is caused by human generated greenhouse gasses from a variety of sources. The largest contributing source of greenhouse gas is the burning of fossil fuels leading to the emission of carbon dioxide. Regrettably, Texas leads the nation in emissions from coal plants of toxic mercury and carbon monoxide.</i></p>	<p>There is overwhelming evidence and well documented phenomena that global warming exists. We must accept it as fact and act to counter it as global warming is occurring more rapidly than had been projected. While many factors are involved, one major contributor is the increasing output of carbon dioxide into the earth's atmosphere. By taking action we can reduce the amount of CO2 (as well as other pollutants) in our atmosphere.</p>

	<p>greater issue is greed. These are the people who are driven by profit, who know the ramifications, but don't care. So, we have an alarming decrease in the earth's natural ability to combat the toxins we release through industry.</p> <p>The industrial toxins are by far the greatest contribution to global warming. This would include the greenhouse gasses produced by the production of electric energy/power.</p> <p>Add to this the emissions from autos, and we are producing a world so toxic that future generations may not have much chance for survival-- -----if we do not begin to address these issues. To address these issues at PEC will be only a small contribution to the world-wide problem. But there is no better place to start change than "at home".</p> <p>So, do I believe in global warming?</p>		
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	<p>You betcha.</p> <p>What's causing it? Some natural process, significantly boosted by the behaviors of man.</p>		
<p>2. Will you commit to solar incentive package for homes; small businesses; ranches; local governments?</p>	<p>The second question requires a mixed response. If the PEC could (can) financially manage such incentive packages, of course I would support it. But more important is going to be the business management of the coop that will make this possible. I believe this is going to require a great deal of creativity by the management and the board to make this possible. And I don't think it will happen in the next year. The coop has had a difficult past year or so, and these difficulties have cost the coop/members. We are also still in the process of re-organizing the spending processes and restructuring the process of priority spending decision making. I believe this is going to put our coop in a stronger position to move into</p>	<p><i>Absolutely I would favor that. We should consider rebate programs that help consumers meet the upfront costs of weatherizing their homes and installing energy efficient appliances and solar panels. I am enamored with emerging solar technologies and I believe they are poised for explosive growth. Solar offers a very promising source of renewable energy to sunbelt consumers here in Texas. Solar has the potential to supply power during periods of peak demand when the price from conventional sources is often highest. It can also provide power after the sun goes down via commercially</i></p>	<p>Solar incentive packages are an important tool that PEC can use to rapidly expand the use of alternative energy. This will help lower energy consumption so PEC will not need to purchase as much additional energy. It will also work to clean the atmosphere, and will help us work toward energy independence. Yes, I am committed to working with the PEC staff and Board members to develop the most beneficial incentives for our members</p>

	<p>the incentives I would like to see in place. But I believe we must all be realistic that we are a non-profit organization, and this complicates our ability to access in-house resources for rebate type programs. So, I am not sure if the question is asking about “money-back” incentives, or other types of incentives that could possibly be created to entice members to invest in solar packages for part or all of their energy needs.</p> <p>I’m also not wanting to be limited to solar package incentives. I have personally been considering a combination of wind and solar. So I would want to expand this incentive to ANY renewable option. I would love to be on the committee that would work toward this goal.</p>	<p><i>available solar thermal and battery storage.</i></p>	
<p>3. Will you commit to energy efficiency loans/ retrofits programs for homes; small businesses;</p>	<p>This question more readily fits into the question above. PEC is not currently in a position to be able to actually provide any type of loan to</p>	<p><i>Not loans, but possibly rebates or credits. I would favor investing in the construction of several strategically-</i></p>	<p>Yes, I will commit to energy efficiency goals to retrofit programs for homes, small</p>

<p>ranches; local governments?</p>	<p>members to install renewable forms of energy. Not from its distribution of power. But what it can do is assist members in finding and requesting those loans. The government already has some available. And I have been encouraging the PEC to grab as much stimulus money as possible that could become the seed money, or actual monies to create a fund for loaning to members. I think this is absolutely possible. And the more I think about it, I think it could be done pretty quick. We do have assets that might could be committed for “loans.” Without having all the inside information that a board director would have, I don’t have all the necessary information at this time to formulate a plan. But this is a very exciting possibility that I believe could become a reality. This is an area where I believe my creative thinking could be an asset to the members and in reaching the goal</p>	<p><i>placed, fully retrofitted living model homes, business and ranches within PEC country that the public may come and tour. I support our taking a leadership role in consumer education. The public is hungry for ways to reduce consumption—let us feed them!</i></p>	<p>businesses, ranches and local governments. As stated above, these programs, too, will enable us to use less energy, thereby increasing energy independence while lowering emissions and promoting cleaner air. In the long run, these programs save money for the consumers and for PEC. It is a win-win decision</p>
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	<p>of a more sustainable environment.</p> <p>So, I can eagerly commit that I will work toward the development of such programs.</p>		
<p>4. Thirty-four percent of LCRA energy comes from coal plants, and if LCRA decides to purchase energy from the coal plant now under construction at Sandy Creek, this would increase to 38%. Would you support a moratorium on any <u>additional</u> purchases of coal-fired power from LCRA?</p>	<p>This is a very difficult question. As a board director, it would be my first obligation to assure the members that when they flip the switch, their lights are going to come on. There is a probable majority of members who don't care where that power comes from. They just care that it is there and that they can afford it.</p> <p>Right now we are in a good position of reduced growth, compared to the past 8-10 years. This means that currently we do not have to make any hasty decisions about increased purchases from LCRA. I believe that Sandy Creek is scheduled to come online in about 2 years. The</p>	<p><i>I will not comment on a moratorium right now; however, I do not wish to see another coal plant and I question the need for one. As a Director I would have a fiduciary duty to the membership that precludes nothing, and which places member interests above all others. That said, PEC's new "Progressive Power Contract" with LCRA could allow PEC to increase the amount of energy it buys from renewable sources such as wind and solar to offset the need for a new plant.</i></p>	<p>Yes I will favor a moratorium on additional purchases of coal-fired power from LCRA. I believe we must adopt current thinking and commit to the new technologies by actively utilizing alternative energy sources. Purchasing additional percentages of coal-fired energy does not require new thinking and superficially seems like an easy solution to escalating energy needs. However, if</p>

	<p>problem with this is that the power that comes from Sandy Creek will go into the collective market basket. It cannot be separated out from the coal or hydro or gas generated power that we already get from LCRA. I am not privy to all the details of our new LCRA contract, but I do know that we are able to get “up to “ 95% of our needs from them. And we can drop down to as little as 65%. In order to decrease our purchase from LCRA, we have to have another resource. Right now I’m not aware of any better options. Others seem to be even more resourced from nuclear or just as much coal/gas. I hope that soon we will have more renewable options, but those are currently limited for a number of reasons.</p> <p>Another issue with our LCRA contract is that we were not able to get an “opt out” option. This killed our leverage for a moratorium on</p>		<p>PEC does not support a moratorium on an increased percentage of purchase of coal-fired power from LCRA, we may lack the motivation to seriously carry through with alternative energy development. By restricting additional purchases of coal-fired power, PEC commits to acting in accord with 21st Century technology.</p> <p>The bottom line is that this is a balancing act between present needs and the future - moving toward alternative energy resources as quickly</p>
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	<p>pretty much the LCRA does.</p> <p>I believe that by far, our best option is to partner with LCRA to generate more renewable energy. This option is also killed by the Rose/Fraser bills, which is one of my primary objections to both bills. This portion of the contract was one of the most innovative and far-sighted agreements that has yet come out of our history with LCRA. This would allow PEC to more readily access renewable power at a decreased cost vs direct purchase from another wholesaler. This seems like prudent business practice, as well as a faster way to increase renewable energy in the PEC power portfolio.</p> <p>So, the bottom line answer to this question is: If it were possible to support a moratorium on additional coal generated power, and we had an equal or better option for reliable</p>		<p>as possible. The shift in the balance of energy resources must be towards energy independence and carbon free systems as quickly as possible. To do this, we must take a stand and be active in making it happen.</p>
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	and affordable energy, I would most certainly support it.		
5. What is your position on whether PEC should purchase energy from nuclear power plants?	<p>I have a very strong personal opinion about nuclear power and that is that I don't want to have anything to do with it. As a board director, I would again be obligated to consider the membership as a whole. I hope to never be confronted with this particular matter. But I am also a realist and acknowledge that the overpowering responsibility of the PEC is to provide electricity to its members. I am aware of the lower cost of nuclear power, but I feel that the negatives far outweigh this benefit. The other weightier reality is that we are again in the position that, if LCRA either decides to generate or distribute nuclear power to its customers, we have little, to no control over it, by virtue of our contract. So this is again a strong incentive to partner with LCRA in</p>	<p><i>I just don't think we need nuclear power to manage our costs. The inherent cost of building these \$20+ billion dollar behemoths require tax subsidies we cannot afford. In addition they are risky to operate and they gulp enormous amounts of water. And then there is the matter of highly radioactive nuclear waste which has to be shielded in caverns in the earth or under the sea for several hundred thousand years. Energy efficiency is a bargain when compared to what it costs to build and operate new power plants.</i></p>	<p>After reviewing evidence I am opposed to purchasing energy from nuclear power sources. Nuclear power plants require many years of planning, permitting and construction – always with huge cost over runs. In addition, the amount of water required is unacceptable, especially here in Texas where water is limited and under increasing stress. Nuclear power plants require the commitment of large amounts of water for cooling spent and active fuel rods for an indeterminate</p>

	<p>turning to generation of renewables rather than venturing into the realm of nuclear. I believe that if we are able to meet the growth demands, and implement strong conservation incentives, we can overcome any need to reach into nuclear power as a resource.</p>		<p>period of time. Additionally, there is always the risk of radioactive accidents which could be disastrous future generations.</p> <p>We do not need to make decisions like this. There is only one way we should purchase nuclear power: The right way, I believe, is from the ultimate energy source – our sun. A natural nuclear power plant located 93 million miles away; it is a safe source for the generation of efficient energy without the potential downside of disasters and water misuse.</p>
<p>6. Rank in order you choice of energy resource options.</p>	<p>My choices for energy sources have to be weighed from the personal</p>	<p><i>(A) Energy Efficiency. The public supports this one. (B) Solar—Small</i></p>	<p>_1_ energy efficiency _5_ natural gas</p>

<p>Explain your ranking below if you wish.</p> <p>___energy efficiency</p> <p>___natural gas</p> <p>___coal</p> <p>___nuclear</p> <p>___wind</p> <p>___large-scale solar</p> <p>___small scale solar</p>	<p>and the PEC Director perspective. While they mostly go hand-in-hand, there is some slight difference</p> <p>Personally I would like to go off-grid and be able to generate all my own needs from wind and solar. If the coop can find a way to assist me in meeting this goal, without cost to other members, this is my first personal option.</p> <p>The first, and most important option, for EVERYONE, is energy efficiency. We can have the most positive impact on the whole situation by practicing energy conservation.</p> <p>Large scale solar and wind are a tie. I believe it will take both to balance and meet the 24 hour needs of the consumer-members. For the foreseeable future, this will still be supplemental or adjunctive power</p>	<p><i>scale now. Large scale if it can be made cost efficient. (C) Wind (D) Natural gas. Costs are rising significantly. (E) Coal. We will be dependent on gas and coal as our primary sources for a long time. Our entire economic model is built on these conventional sources. Our goal must be to reduce that dependency.</i></p>	<p>_6__coal</p> <p>_7__nuclear</p> <p>_2__wind</p> <p>_3__large-scale solar</p> <p>_4__small scale solar</p>
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to the other sources. As our technology improves, both in storage and transmission, I can see that we may be able to move into a different balance of where our power comes from. With perhaps the greater portion coming from renewable.

I am also wondering why hydro has been left out of our choices. While not one of my top favorites, I see it as a better option than some of the others below.

Gas seems to currently be a decent option, in lieu of accessibility of renewables. It is not without negatives and limitations, but ranks next in my opinion.

Currently coal is one of our most reliable and cheap sources of

energy, AT PRESENT. If, or when, the new regulations go into effect, we may see a dramatic increase that changes this fact. And, if the factors discussed in the “Don’t Get Burned” publication prove true, we will be looking at a completely different case scenario. I don’t think I am currently in a position to knowledgeably discuss all the possibilities, but I do know that we’ve already seen how the other fossil fuels effect the cost of transportation, thus the bottom line of cost.

I personally have many objections to coal, from the time the earth is disturbed to get to it, to the cost of human health in getting it out, to the continued cost to health of humans and earth in rendering it into energy. But, with my reality cap on, I imagine we are stuck with it for awhile longer. And it does

	<p>keep the lights on.</p> <p>I think my position on nuclear is pretty clear. For those who read this and argue for it, I do recognize the strengths of your position. I would just rather spend my time and energy searching for safer sources. In also continue to acknowledge the obligation of a director to work for the benefit of the whole membership. I think everyone is going to have to recognize this fact, and find ways to integrate the environmental issues with the core purpose and responsibility of the coop. As a process, I believe this is possible, but the time frames are going to have to be flexible.</p>		
<p>7. In recognition that the federal government will soon put a price on greenhouse gas emissions, what</p>	<p>I would like to have a little more time to research this question, and until I have access to more internal information, I feel very limited in responding to this question. So, I will have to respond on the side of</p>	<p><i>Energy efficiency and renewables are widely recognized as the best energy options to reduce risk. Directors riding in the old saddle strapped</i></p>	<p>In order to reduce risks associated with greenhouse gas emissions, PEC must continue to expand alternative</p>

<p>steps should PEC take to reduce the financial risk associated with fossil fuel energy to its members?</p>	<p>what I would like to see happen, without knowing if it is possible. The logical step here would seem to be moving toward the use of renewable energy. Our LCRA contract is long-term and pretty binding, so I am not sure how able we are going to be to completely circumvent the utilization of fossil fuel energy. That 35% allowable in our contract certainly opens the door for other options, but the availability may still be an issue. And then we still have the 65% that is out of our control. I see this as another reason to work with LCRA to partner and promote generation of renewable energy. The more they generate, the less of the other stuff is in their market basket.</p>	<p><i>to conventional wisdom fail to understand their role as a fiduciary because demand and the cost of greenhouse gas emissions plus the infinite rising costs associated with fossil fuel generation is eventually going to price us out of business. We simply have to break the dependency cycle on fossil fuels. Remember too, PEC is a distributor of energy, not a generator. We enter into contracts with power sources such as LCRA. It seems to me that those contracts need to be examined to determine that favorable price adjustments for conservation are included.</i></p>	<p>energy usage. Solar incentives, energy efficiency loans, development of large scale wind, solar and geo thermal must be developed and utilized. We must not increase the percentages of coal-fired purchases, but over time, must work to decrease them. We must encourage the use of vehicles emitting lower amounts of pollutants and look at all our systems to be certain PEC is lowering our carbon footprint.</p> <p>It should be noted that Texas is ideally situated to make maximum use of both wind and solar energy.</p>
<p>8. Many of PEC's</p>	<p>I think we may currently have some</p>	<p><i>Eventually yes, it would</i></p>	<p>I believe PEC needs</p>

<p>service trucks are off-road vehicles that use diesel fuel that is not subject to clean air standards. Do you support vehicle emissions standards for PEC?</p>	<p>pretty severe limitations on this matter. I am not aware of any mechanism available to install on a deisel vehicle to reduce emissions. Nor am I aware of any option for a non-diesel vehicle for off-road use. Certainly our general use fleet can be phased into alternative powered vehicles. Given more time, I will be able to find a resource to educate me on this matter. But the ultimate answer would be, if there is a viable alternative, let's move toward that.</p>	<p><i>be nice to replace diesel fueled service trucks and phase in something else that comply with clean air standards.. I would favor testing such equipment that might be available. Ultimately, PEC should reflect a green ethic in everything it does. But our most immediate priority must be on facilitating pass through savings to our members through conservation and renewable energy</i></p>	<p>policy requiring new fleet purchases to adhere to vehicle emission standards. I believe we need to develop a policy supporting this goal without requiring the purchase, right away, of an entire new fleet. PEC can ease into vehicles with lower emissions over a period of time, as vehicles are replaced or added to the fleet. I support PEC choosing hybrid vehicles wherever practical and can support vehicle emission standards in a cost effective manner.</p>
<p>9. What steps do you want to see the PEC take regarding energy efficiency and renewable energy in the next</p>	<p>9 I believe that the PEC is already on the path to a strong conservation program. They recognize that it is a win-win situation. There is much planning to be done to get a</p>	<p><i>We must begin to move the cooperative from a consumption and fossil fuels model and mindset to a conservation and renewables model. We</i></p>	<p>Texas currently ranks first among the states in wind energy. While energy efficiency and renewable</p>

<p>two years?</p>	<p>workable program in place and then implemented. They are doing some things. I am a strong proponent of education. I think our coop magazine is a great place to give snippets of conservation education. I say snippet, because I have already discussed this with the magazine editors. They said that when they tried to do a really significant information presentation, members complained and didn't read it. So, again, creativity will come into play. Bill staffers are another opportunity. The psychology of human behavior will have to be considered: the reactions to change. No one likes change forced on them, so discovering/creating ways to introduce change in a palatable manner, thus getting positive response, I believe will be key to a conservation program. There are, of course, incentives. And I won't go into all those options, but there are many possibilities to be</p>	<p><i>must begin rewarding consumers who conserve the most as opposed to those who consume the most. And we must develop action plans to meet PEC's 30% renewable and 20% efficiency goals by 2020.</i></p>	<p>energy sources are already available within PEC, I believe we must further expand our efforts and increase the use of this technology within the next two years.</p> <p>First we must educate people. It is through education that people will gain interest in the efficient and renewable systems. Then, we must develop policy that makes both incentives and loans available to PEC members in order to support changing to these new systems. Conservation of energy must also be rewarded.</p> <p>If we act now we can create new</p>
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	<p>explored.</p> <p>The PEC is already very close to meeting its 30/20 goal. Many members are not aware that we are in the process of moving a large portion of the energy generated by the Trent Wind Farm, through the ERCOT system and to LCRA. And then to PEC. We have a contract to purchase 90% of the Trent Farm generation, and this was originally meant to be sold back into the general ERCOT system. This proved to be a money-losing proposition in January and February. So efforts were turned to getting it to PEC. This renewable energy, I think about 10MW, will offset the other generated sources we get from LCRA. So, our coop is actively working to meet, and probably exceed any current goals or mandates.</p> <p>The other comment is about the PURPA Standards that PEC voted</p>		<p>energy industries and thousands of jobs here in Texas (as we have with the world status computer related businesses located here.</p> <p>PEC has the opportunity to be a role model. We must seize this opportunity now by acting now.</p>
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to accept a couple of months ago. This is very strongly geared to conservation and moving forward with utilization of renewables. So we are in this process already. To seek to create policies that would further support these adopted standards, and keep this focus, while juggling all the other business of the coop, will be a challenge to any director. I look forward to this challenge!

I believe that at this point it is imperative to comment on some of the other necessary qualities that need to be considered for a board director. The board will be faced with many issues that do not relate

	<p>to power generation or supply. Meeting the needs of growth in our service area, which may include additional infrastructure, and all the intricacies that combine to create the whole of our co-op, will require directors who have focus on more than the environmental issues. I believe our coop, in general, is pretty strong on environmental issues, and that as a whole we can look forward to very positive and progressive actions to support this. So considering the other strengths that an individual can bring to the table needs to be added to the qualifications.</p> <p>I believe the actual personality and people skills of the individual needs to be considered. After all, there will be times when diplomacy, or other particular approaches can make the difference between an issue passing or failing. The over-all intelligence and integrity is important. Trust is a major issue</p>		
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for our members, so a trustworthy director will be important. The true impetus for seeking this position should be considered. The time-availability of the director should be considered. It is a service position, and remaining in touch with members, as well as the time to get educated on all the issues, should be considered. I would simply encourage you to consider factors beyond the ones of greatest import to CWA. It is the total package of the director that is going to serve the needs of the entire cooperative membership, as well as work to meet the goals of CWA.

On behalf of myself, I think most of you know that I do not just talk an honoring of earth, I live it.

This is my choice, and I work first by setting the example. This honoring gives me great joy, and I find that many respond to this

	<p>positive attitude. This opens the door for me to teach others and inspire them to follow suit. I am a practical individual, and my common sense has served me well, both personally and in business. I am well educated and experienced in a variety of business levels and arenas. I have attended every meeting for the past 14 months, and this has given me insight into the operations of the co-op and the board that none of my opponents possess. It has afforded me the opportunity to listen to members, such as Tom, Smitty Smith, and learn the many goals and interests and needs of the membership. I have researched most of the major issues that have come before the board, giving me a greater knowledge base to utilize in the decisions and business that come before the board. My motivations are simple: I care about my co-op and its future. As a vested member, I am able and willing to work for</p>		
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	<p>the best interests of the membership and reach for the highest goals possible.</p>		
<p>Biographical Statement</p>		<p><i>1.</i></p>	<p>Biographical statement: PEC has the opportunity to get it right by reducing costs, encouraging energy independence, and</p>

			<p>creating jobs. We must always be thinking of ways to keep charges to members down, reward energy conservation, use of renewable energy and lower consumption. Most importantly, we must expect honesty, transparency and superior management from PEC Board Members.</p> <p>PEC needs to speak clearly and communicate openly with members using understandable language. Meetings must be listed prominently in the PEC magazine and</p>
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			<p>on the home page of the website, not buried in small print or not listed at all.</p> <p>Holding a Bachelor of Science from Northwestern University and an MA in School Administration, DePaul University, I taught school, live on a small ranch and own a family business. After consulting for a national textbook publisher, I developed a program to objectively compare learning materials because emotional decisions about books do not generate effective</p>
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			<p>decisions in choosing books for our children.</p> <p>Likewise, emotional board decisions are not in the best interests of PEC members. Everything we do must be studied, discussed openly and objectively selected for the benefit of our membership – the true owners of PEC.</p> <p>Active in civic organizations, my board experiences includes Condominium Board positions where I have had experience dealing with problems</p>
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			<p>similar to those uncovered at PEC; President, County PTA; President Kirtland AFB Officer's Wives; currently member of several Texas Hill Country Chambers of Commerce and Founding President San Antonio Newcomers. I have testified at state legislatures on behalf of education and other pressing legislative issues and have led county and district wide campaigns.</p> <p>Interested in alternate energy, I have evaluated wind and solar farms and have participated in the International Solar Forum held at the Texas Capitol. A Texas resident for</p>
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			<p>29 years, I listen to people, act ethically and will meet with PEC members. I know how to question and research the facts while interacting in an appropriate way with fellow board members and staff. I ask for your vote for the PEC Board of Directors.</p>
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