

BPU Discussion of LARES Recommendations (Summary)

Count of Status	Column Labels							
Row Labels	Discuss	Not B/DPU	In Process	Education	Complete	Future	Future / In Process	Grand Total
a) GR		8	1					9
b) NG		6		3	1	1		11
c) E			3			4	1	8
d) TM	3	6						9
e) WCNR	1	4						5
f) CP	1	4						5
Grand Total	5	28	4	3	1	5	1	47

Status	Abbreviation
Needs further discussion	Discuss
Not within the scope of BPU/DPU responsibilities	Not B/DPU
Accepted, will consider implementing in future	Future
Accepted, implementation in process	In Process
Accepted, DPU will support via customer information and education.	Education
Accepted, implementation complete	Complete

General Recommendations (GR)	Status
GR-1: Establish net-zero greenhouse gas emissions as a long-term goal for Los Alamos, both the community (exclusive of LANL) and its government.	Not B/DPU
GR-2: Perform a comprehensive baseline greenhouse gas emissions study from which to set reduction targets (and other goals) and against which to measure progress.	Not B/DPU
GR-3: Create and adopt a strategic climate action plan for Los Alamos County which includes baseline data, greenhouse gas reduction targets, and climate mitigation strategies, to be utilized and updated regularly	Not B/DPU
GR-4: Create and fund a senior staff position (e.g., “sustainability coordinator”) to lead and coordinate the work of all County departments, including the Department of Public Utilities, to meet the County’s net-zero and other resiliency and sustainability goals	Not B/DPU
GR-5: Provide recurring funding to invest in and integrate the goal of net-zero greenhouse gas emissions and other sustainability practices into all County government operations, including modeling new green technologies for residents	Not B/DPU

<p>GR-6: Create an on-going body of (largely citizen) collaborative stakeholders to advise Council, Department and Board of Public Utilities, and other relevant County bodies on implementing the goals and strategies recommended in the climate action plan and monitor progress.</p>	<p>Not B/DPU</p>
<p>GR-7: Form a partnership with LANL and the Los Alamos Public Schools with the specific intention of collaboration on greenhouse gas reduction</p>	<p>In Process</p>
<p>GR-8: Invest in consistent, ongoing community outreach and education promoting the reduction of our individual and collective greenhouse gas emissions, including an “Educational Specialist” position.</p>	<p>Not B/DPU</p>
<p>GR-9: Produce an annual climate action report to be presented to County Council and shared with the community.</p>	<p>Not B/DPU</p>

Natural Gas Reduction (NGR)	Status
NG-1: Set a community goal to reduce natural gas use by at least 2% per year. Note: Since the B/DPU does not have the ability to set community goals, this is marked "Not B/DPU". However, the department will look into providing customer education on alternatives to gas such as heat pumps and induction cooktops.	Not B/DPU
NG-2: Encourage compact architectures in new construction	Not B/DPU
NG-3: Require new construction to have solar access, if feasible.	Not B/DPU
NG-4: Require new construction to derive a significant portion of its heating energy from the sun.	Not B/DPU
NG-5: Adopt the 2021 International Energy Conservation Codes (IECC) as the standard for new construction and guidelines for remodeling, and continue to adopt new IECCs as they are issued	Not B/DPU
NG-6: Set a cut-off date for new natural gas hook-ups and new electric resistance heating installations, effectively requiring electric heat pumps. Encourage substitution of heat pumps when gas-fired furnaces and boilers are replaced.	Not B/DPU
NG-7: Encourage substitution of solar thermal, heat pump, tankless, or point-of-use water heaters when traditional hot water heaters are replaced.	Education
NG-8: Encourage substitution of electric induction ranges when traditional electric or natural gas ranges are replaced.	Education

<p>NG-9: Discourage or prohibit pilot lights in new or replacement gas appliances. Note: B/DPU does not have the ability to prohibit pilot lights.</p>	<p>Education</p>
<p>NG-10: Include heating demand in electrical utility generation, transmission, and distribution supply planning.</p>	<p>Complete</p>
<p>NG-11: Make energy audits and other relevant information available to property owners through County government.</p>	<p>Future</p>

Electricity (E)	
E-1: Formalize the BPU/DPU and Los Alamos County Council goal to be a net-zero carbon electricity supplier by 2035.	Future
E-2: Develop a strategy that achieves LAC's net-zero carbon goals regardless of the nature of any future LAC/LANL power generation relationship.	In Process
E-3: Develop an “Intermittency Management Strategy” including but not limited to demand management, curtailment of generation, and time-of-use metering. Note: demand management and curtailment are potential future topics; time-of-use metering is in-process.	Future / In Process
E-4: Implement the recommendations of the 2017 Integrated Resource Plan (IRP) and expected IRP recommendations in 2022.	In Process
E-5: Investigate periodically the feasibility of restricting market purchases of electricity to carbon-free sources	Future
E-6: Continue to pursue the feasibility of small modular reactor technologies.	In Process
E-7: Study distributed (“rooftop”) electric generation and storage as potentially an integral part of LA’s power supply.	Future
E-8: Initiate a pilot program to support the addition of residential storage batteries to homes with and without rooftop solar.	Future

Transportation & Mobility (TM)	
TM-1: Increase and incentivize public transportation ridership.	Not B/DPU
TM-2: Improve bicycle and walking infrastructure to promote safe and convenient carbon-free transportation.	Not B/DPU
TM-3: Increase publicly accessible electric vehicle charging infrastructure.	Discuss
TM-4: Increase the number of electric vehicles in the County fleet by at least two per year, eventually making 100% of light duty (passenger cars and trucks) plug-in electric.	Discuss
TM-5: Revise and implement a County-wide “no idling” policy with shaded parking options.	Not B/DPU
TM-6: Launch a municipal bike share program.	Not B/DPU
TM-7: Encourage private electric vehicle purchase and charging during non-peak hours	Discuss
TM-8: Increase the number of solar-powered flashing light crosswalks.	Not B/DPU
TM-9: Convert municipal small engines, lawn/garden equipment, and golf carts, to be fossil fuel free within ten years.	Not B/DPU

Waste, Consumption & Natural Resources (WCNR)	
WCNR-1: Set a goal to eliminate municipal solid waste through reduction, reuse, recycling and composting (by e.g., 2035) following “Zero Waste” principles	Not B/DPU
WCNR-2: Reduce consumption-associated greenhouse gas emissions through sustainable purchasing and consumption/disposal of food, goods, and services	Not B/DPU
WCNR-3: Develop and adopt a comprehensive water conservation and watershed stewardship plan to maintain and enhance the quality and quantity of LAC’s water supply	Discuss
WCNR-4: Develop and implement a plan to capture stormwater runoff and reduce contamination through green infrastructure approaches.	Not B/DPU
WCNR-5: Manage natural and community landscapes for climate mitigation, resiliency, community, cultural and wildlife values, and carbon sequestration	Not B/DPU

Community Planning (CP)	
CP-1: Adopt a local overlay code that incorporates additional locally-specific greenhouse gas reduction provisions.	Not B/DPU
CP-2: Advocate for change or clarification of the NM Anti-Donation Clause to allow local governments to provide incentives for energy reduction projects.	Not B/DPU
CP-3: Educate property owners on potential energy-saving renovations to their buildings.	Discuss
CP-4: Strengthen the County’s environmental purchasing policy.	Not B/DPU
CP-5: Add commercial zoning within each area of town, such as each mesa and within White Rock.	Not B/DPU