

Kenai Peninsula Borough  
Office of the Borough Mayor

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**MEMORANDUM**

**TO:** Brent Johnson, Assembly President  
Members, Kenai Peninsula Borough Assembly

**THRU:** Charlie Pierce, Kenai Peninsula Borough Mayor *CP*

**DATE:** June 7, 2022

**RE:** Appointment to the KPB Resilience and Security Advisory Commission

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Pursuant to the enactment of Ordinance 2020-25, I hereby submit my recommendations for confirmation by the Assembly, of the following appointment to the Kenai Peninsula Borough Resilience and Security Advisory Commission. The applicant has been verified and reside within the area to be represented. Application and verification are attached for your review:

**EAST PENINSULA** (areas of Seward, Moose Pass, Cooper Landing)

Philip Kaluza

Expires 09/30/2024

Attachment: Application for Appointment

Kenai Peninsula Borough  
Office of the Borough Clerk

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**MEMORANDUM**

**TO:** Charlie Pierce, Borough Mayor  
**THRU:** Johni Blankenship, Borough Clerk (JB)  
**FROM:** Michele Turner, Deputy Borough Clerk (MT)  
**DATE:** April 28, 2022  
**RE:** Verification of Resilience and Security Advisory Commission Applicant

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Due to a resignation on the advisory commission, a notice of vacancy for the East Peninsula Seat on the Resilience and Security Advisory Commission was posted in the Borough Administration Building, KPB's Facebook page and KPB's website. The filing period for this seat closed on April 14, 2022.

Per Ordinance 2020-25, appointed members shall have experience in at least one of the ten areas defining the scope of the commission. Sustainability commissioners shall submit a resume with their application to be appointed by the mayor and approved by the assembly.

The attached applications are submitted herewith for your consideration.

**EAST PENINSULA** (areas of Seward, Moose Pass, Cooper Landing)

- Philip Kaluza      207 Bear Drive, Seward

cc: Land Management

# Kenai Peninsula Borough Planning Department

Resilience & Security Advisory Commission Application Submitted 2022-04-13 20:32:13

Seat: East Peninsula (Seward, Moose Pass, Cooper Landing) Term Expires 09/30/2024

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| <b>Name:</b><br>Philip Kaluza  |
| <b>Mailing Address:</b><br>PO Box 3234 Seward, AK 99664  |
| <b>Residential Address (if different from mailing address):</b><br>207 Bear Drive Seward, Alaska 99664                     |
| <b>Email:</b><br>pkaluza@gmail.com   |
| <b>Mobile:</b><br>19073606337  |
| <b>Work Phone:</b>   |
| <b>Home Phone:</b>   |
| <b>Occupation or place of employment:</b><br>Retired   |
| <b>How long have you lived in the area served by this Resilience &amp; Security Advisory Commission?</b><br>12 yrs         |
| <b>In which of the 10 areas defining the scope of the commission do you have experience?</b><br>Building Energy Efficiency |
| <b>{Expertise:caption}</b><br>{Expertise:value}  |
| <b>{CurrentlyServe:caption}</b><br>{CurrentlyServe:value}  |
| <b>{Available:caption}</b><br>{Available:value}  |

**Comments (areas of interest, additional experience or qualifications, etc.):**

Owner, Arctic Energy Systems  
AHFC Alaska State Energy Program Manager  
Building Science: consulting, trainer

**Philip R. Kaluza**  
**PO Box 3234**  
**Seward, AK 99664**  
**Phone: (907) 360-6337**

**EXPERIENCE:**

**Overview:**

Worked for the past 30 years both in the private sector and public on energy efficiency programs in Alaska. Over 20 years of Weatherization and cold climate homebuilding training experience throughout all of Alaska. Researcher in numerous projects ranging from indoor air quality and energy use monitoring in both rural and urban homes and multifamily structures. 17 years living in rural Alaska, providing training and technical assistance to AHFC, Housing Authorities, and individuals across the state. Projects include super-insulating an existing home, energy use monitoring and commissioning of public housing properties.

**State Energy Program Manager**  
**Alaska Housing Finance Corporation**

1994 –2000 State Energy Program Manager: Responsibilities include prepare and manage state and federal grants and budgets, quarterly reports, develop and manage training and research contracts. Other Program Manager duties include: supervise the AHFC Home Energy Rating Program, provide technical assistance to the Low-Income Weatherization Providers and AHFC Public Housing Division, builder and consumer energy education training, and review of the Alaska Building Energy Efficiency Standards. Special projects include the development of AkWarm rating software, and indoor air quality monitoring.

**Self Employed**  
**Arctic Energy Systems**

1980 – Present Owner/operator of Arctic Energy Systems, providing consulting, training, technical assistance, research, sales & service to a wide range of clients throughout Alaska. Summary of activities:

**Consulting & Research Projects:**

- Monitor Heating – Sales and Service 1982 – 1992
- Certified Home Energy Rater and certification trainer 1990 - 2011
- Weatherization Instructor for AVTEC winters of 2011 & 2012
- Energy Use monitoring and commissioning of Glacier View Public Housing facility 2011-2012
- Trainer for Alaska Building Science Network: 2000 – 2009: Weatherization, Heating System Design, Ventilation, Blower Door & Pressure Diagnostics, Cold Climate Construction, Indoor Air Quality & Rural Electrical Savings.
- City of Noorvik Energy Use monitoring: Design and install monitoring equipment for the Noorvik Community building to evaluate retrofit savings. Report on file at AHFC Research and Information Library
- AVCP Housing Authority Ventilation Monitoring Project: Indoor air quality monitoring for four rural houses in the village of Quinhagak. Monitoring included pre and post results of installing several different ventilation systems. CO2 tracer gas tests, blower door tests, data logging of outdoor air temperature and wind speed, indoor air temperature, relative humidity, and CO2 levels. Report on file at AHFC Research and Information Library

- Building Inspections for Bering Straits Regional Housing Authority and Alaska Legal Services. Included energy efficiency improvements, ventilation issues, along with various design and construction deficiency complaints.
- Alaska Craftsman Home Program Trainer 1987-1994. Provided one and two day training statewide on Building Science, Air Tightness & Blower Door certification, Ventilation, and HOT200 computer analysis.
- Presenter at the national Affordable Comfort Conference 1998,2002,2003,2005,2006 Energy Northwest 2000, 2004 Alaska State Homebuilders Association Annual Meeting 1999,2003,2004,2005,2006
- Researcher on furnace sizing study to determine industry practices in sizing heating systems. Actual runtime of heating systems and outdoor temperatures are used to predict actual design heat loads. 2002 Study available at [www.cchrc.org](http://www.cchrc.org)

#### **Design and Construction Experience:**

- CIAP Coordinator/Project Specialist  
Bering Straits Regional Housing Authority  
5/91 – 7/92 Coordinate Comprehensive Improvement Assessment Program. Handle assessments, grant applications, material bidding and procurement. Conduct energy saving economic analysis. Coordinate force account work crews and inspection. Annual budget \$1,000,000. As project specialist, assist executive director in design and submittal review, change orders, site inspections for new housing projects in eight villages.
- Designed and built several super-insulated homes, currently retrofitting to super-insulation level my personal home in Seward AK.

#### **Post Retirement Experience 2012 - 2017:**

Guest instructor for the AVTEC Construction and the Plumbing & Heating courses.

Personally designed, installed, and currently monitoring several heat pumps in Seward. EPA certified and current dealer for residential heat pumps. Strong advocate for heat pump technology in Seward Alaska including: organized a community workshop along with AVTEC and the Chamber of Commerce on heat pumps. Advocated heat pump potential to the Seward City Council and staff.

#### **BOARDS AND COMMITTEES:**

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|--|---------------------------|
| Alaska Building Science Network.- President                | 2003 –2005                |
| Rural Energy Enterprises – Board of Directors              | 2001 - Present            |
| Alaska Public Interest Research Group – Board of Directors | 2000 -2008                |
| Alaska Thermal Standards Advisory Committee                | 1991-1992                 |
| Alaska Weatherization Policy Advisory Board                | 1990-1995, 2005 - Present |
| Governor’s Energy Policy Task Force                        | 1986-1987                 |

#### **EDUCATION ,CERTIFICATION & TRAINING**

Bemidji State University, B.S. Environmental Studies 1977  
 Alaska Craftsman Home Program – Certified Trainer 1987  
 Energy Rated Homes certified rater 1989  
 HRAI Residential Ventilation Trainer 1998  
 American Lung Assoc – Healthy Homes Trainer- 2001  
 Building Performance Institute certified 2010-2012