NORTHWEST ARCTIC BOROUGH
RESOLUTION 13-09

A RESOLUTION OF THE NORTHWEST ARCTIC BOROUGH
ASSEMBLY APPROVING THE PURCHASE OF AN ECOCYCLE 25/12
WIND TURBINE, ACCESSORY PARTS, AND TRAINING IN AN
AMOUNT UP TO $170,000.00.

WHEREAS: The Northwest Arctic Borough Assembly is the governing body for the
Northwest Arctic Borough, an Alaska home rule, regional, municipal government that
encompasses eleven communities within its boundaries; and

WHEREAS: The Northwest Arctic Borough received a grant from the State of Alaska,
Alaska Energy Authority, Emerging Energy Technology Fund in the amount of
$293,300.00 and the Northwest Arctic Borough accepted those funds by Resolution
Number 13-05; and

WHEREAS: The Borough has utilized state grant funds for energy projects in the past
to provide better services and to reduce the cost of energy in the region; and

WHEREAS: The Northwest Arctic Borough, Kotzebue Electric Association, and
NANA, in a joint effort, have proposed a project to further promote better power
services and reduced local costs for energy; and

WHEREAS: The proposed project involves the purchase, installation, and testing of an
Eocycle 25/12 wind turbine, the testing site will be at the Kotzebue Electric Association
wind site just outside of Kotzebue; and

WHEREAS: The purpose of the test is to verify that the Eocycle wind turbine can
function in an Arctic environment of denser cold air and snow-loads and that it is
operational to 40 and 50 below zero, Fahrenheit; and

WHEREAS: If the tests are successful this type of wind turbine would provide many
advantages over current systems, due to: smaller turbine size, which makes
transportation and installation less costly, reduced maintenance and service
requirements that can be performed locally, and the reduction or elimination of operator
intervention when icing occurs; and

WHEREAS: The Borough desires to purchase the Eocycle 25/12 wind turbine,
accessory parts and training from Eocycle Technologies with the grant funds and
facilitate the wind turbine testing; and
WHEREAS: The NAB §6.16.210 requires the assembly approve any purchase over $10,000.00 by resolution before the funds can be spent or reimbursed.

NOW THEREFORE BE IT RESOLVED: That the Northwest Arctic Borough approves the purchase of the Eocycle 25/12 wind turbine, accessory parts and training in an amount up to $170,000.00 from Eocycle Technologies and authorizes the Mayor to execute any and all necessary documents required for the purchase and acquisition of the foregoing.

PASSED AND ADOPTED THIS 26th DAY OF FEBRUARY 2013.

[Signature]
Walter Sampson, Assembly President

PASSED AND APPROVED THIS 26th DAY OF FEBRUARY 2013.

[Signature]
Reggie Joule, Mayor

SIGNED AND ATTESTED TO THIS 26th DAY OF FEBRUARY 2013.

[Signature]
Amanda Sage, Borough Clerk