



# Non-Standard Gas Pressure Request

**RESTRICTED**

*NV Energy Designer* \_\_\_\_\_

Sierra Pacific Power Company d/b/a NV Energy (NVE) provides a standard gas pressure of 7" W. C. to all customers unless otherwise requested. No increase in service pressure will be allowed unless the customer qualifies for a Commercial Natural Gas tariff.

**This request must be signed by the party responsible for plumbing/mechanical design or, if applicable, a registered engineer stamp, along with the building owner/operator. Please attach a listing of all connected equipment that includes BTU ratings**

Name of Project: \_\_\_\_\_

Address of Project \_\_\_\_\_

(Attach Site Plan)

Requester Name and Phone No. \_\_\_\_\_

Delivery Pressure requested: \_\_\_\_\_ Requested In Service Date: \_\_\_\_\_

Reason for Non-Standard Pressure Request: \_\_\_\_\_

New Construction \_\_\_\_\_ Existing Service Upgrade \_\_\_\_\_

Maximum Anticipated Gas Load in BTU: \_\_\_\_\_

Maximum Connected Gas Load in BTU: \_\_\_\_\_

Minimum Gas Load in BTU: \_\_\_\_\_

The undersigned will assure and agree to the following:

1. Customer facilities are designed for, and will meet, all Federal, State, and local codes.
2. Any request over 5 P.S.I. is required to have welded house piping (no screwed fittings).
3. Information provided to NV Energy is the same information provided to the entity issuing the building or special use permit. If any conditions change, updated information will be provided all entities as soon as possible.
4. It is understood that NVE cannot guarantee non-standard delivery pressure under all conditions. During severely cold weather it is possible that system conditions will preclude the delivery of requested pressure. NVE will be "Held Harmless" from any liability resulting from NVE's inability to provide non-standard pressure.
5. Customer will be responsible for any necessary pressure regulation downstream of meter.

OWNER: \_\_\_\_\_ Phone No. \_\_\_\_\_ Date: \_\_\_\_\_

Engineer or Contractor: \_\_\_\_\_ Phone No. \_\_\_\_\_ Date: \_\_\_\_\_

Mail to: NV Energy  
Attn: New Business-1 Ohm  
P.O. Box 10100  
Reno, NV 89520

APPROVALS: Standards Consultant \_\_\_\_\_  
Gas System Planner \_\_\_\_\_  
Service Center \_\_\_\_\_  
INFO: Design Engineer \_\_\_\_\_

Modeled Press: \_\_\_\_\_ Design Inlet Press: \_\_\_\_\_

For more information or clarification call Mike Rodriguez (775) 834-7038

## Criteria For Approval of Non-Standard Gas Pressure

Any delivery pressure above 7" w.c., or approximately  $\frac{1}{4}$  (or 0.25) psi, is considered "non-standard" and Sierra Pacific Power Company d/b/a NV Energy (NVE) is not obligated to supply delivery pressure above this level. It is recognized that certain customers have requirements above this level and requests will be considered on a case by case basis after meeting the following criteria:

1. Customer must qualify for a Commercial Natural Gas Rate.
2. Customer has natural gas fired equipment that requires higher than standard pressure. It is recommended that before purchase of such equipment, the request should be approved to determine the availability of proposed pressure. NVE prefers to provide the minimum pressure necessary for proper operation of facilities, usually pressures below 5 PSI. Verification of this requirement will be required by listing type of equipment, make and model.
3. Higher pressure will be considered to provide the customer "significant" savings in house line costs, however, NVE will not provide higher pressure to serve house lines below 1.25" and reserves the right to determine "significant" savings. Verification may be required.
4. In some cases, the combination of load and pressure will preclude NVE's ability to provide the proper meter and regulator (for instance, a combination of high pressure and low load may not allow the correct combination of meter and regulator to deliver the requested pressure).
5. All state and local codes will be adhered to as well as the UPC. Pressure above 5 PSI and houseline sizes 4" and above will require welded pipe.
6. Customer will provide all downstream pressure regulation to protect facilities.

Reasons for denial include, but are not limited to the following:

1. Failure to meet the above criteria.
2. NVE's distribution system does not have the capacity to deliver the requested pressure based on computer modeling.

It should be noted that the approval of Non-Standard delivery pressure does not guarantee the pressure will be available under all conditions; it is on a best efforts basis. Certain system conditions could make the desired pressure unavailable, such as extreme cold weather taxing system capacity, line breaks, maintenance, etc.