



Commercial Non-Standard Gas Pressure Request

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. When a leak occurs in a natural gas piping system, the flow of gas is proportional to the pressure. The volume of natural gas that can escape from a leaking or damaged pipe carrying 5 psi is ten (10) times larger than the same leak at 7" w.c. (0.25 psi). Non-standard pressure will not be approved for residential, multifamily or mixed use dwellings in order protect the interests of the public.
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 or houseline sizes 4" and above will require welded pipe. To qualify for non-standard pressure, all new house lines must be a minimum of 1.25".
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.

If you need assistance or have questions completing this form, our New Business representative can put you in touch with a gas engineer. Once form is completed please email to your NV Energy New Business representative or mail to:

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

NV Energy (NVE) provides a standard gas pressure of 7" W. C. to all customers unless otherwise requested and approved by Gas Engineering. **This request must be completed by and signed by a licensed plumbing/mechanical contractor or a licensed engineer.**

Project Name: _____

Project Address: _____

Requester: _____ () - _____ Date: _____
Print Name Phone Number MM/DD/YY

Reason for Non-Standard Pressure: _____

Type of Service (select one): ☐ New Construction ☐ Existing Service Upgrade – **Field check required**

Delivery Pressure requested in psig (select one): ☐ ½ ☐ 1 ☐ 2 ☐ 5 ☐ Other: _____

Downstream customer owned piping Maximum Allowable Operating Pressure in psig: _____
(must be minimum of 2 psig higher than delivery pressure)

Requested In Service Date: _____
MM/DD/YY

Total Connected Gas Load in BTU: _____

Maximum Anticipated Gas Load in BTU: _____

Minimum Anticipated Gas Load in BTU: _____

The undersigned will assure and agree to the following:

1. Customer facilities are designed for, including sized appropriately, 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 threaded 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 to 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: _____ () - _____ Date: _____
Signature Print Name Phone Number MM/DD/YY

Licensed Engineer or Plumbing/Mechanical Contractor:

_____ () - _____ Date: _____
Signature Print Name Phone Number MM/DD/YY

_____ Expiration Date: _____
License #

THIS SECTION FOR INTERNAL USE ONLY		
Work Order Number: _____		
Design Inlet Pressure: _____	Special Notes: _____	Approvals & Dates
Regulator Size: _____	_____	Gas System Planner _____
Orifice Size: _____	_____	Standards Engineer _____
Meter Size: _____	_____	Gas Service Center _____



Natural Gas Appliance List

Item No.	Item Description	BTU Rating	Operating Pressure (PSIG)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Total Connected BTU: _____



Existing Meter Field Check

Date: _____
MM/DD/YY

NV Energy Representative: _____
Print Name

Customer Representative: _____
Print Name

Findings:

Meter # _____

Meter size, type _____

Meter location notes

Meter manifold notes

Customer plumbing notes

Other notes
