Buy Energy Missing Input Validation

Priority: Medium

Customer Impact: Medium

The unit fields on the Buy Energy page are missing any kind of numerical validation. This means that if a non-numerical character or decimal number is entered and the corresponding Buy button is clicked then a none customer friendly error message is displayed to the customer.

Steps to reproduce:

1. Navigate to the [Home](https://ensekautomationcandidatetest.azurewebsites.net/) page
2. Click Buy Energy button
3. Enter a non-numerical character or decimal value in to a unit field
4. Click the corresponding Buy button

An error message will be displayed to the customer telling them that the string could not be converted to a number.

These fields should have validation on them that displays a helpful error message to the customer when the field does not contain a whole number.

Changing these fields to spinner input field type would also be a valid solution as this would restrict input to numerical only and could be further restricted to whole numbers only.

See bug report 7 for the issue about displaying internal error messages externally.

# 

# **Error**

## An error occurred while processing your request

### Input string was not in a correct format.

#### at System.Number.StringToNumber(String str, NumberStyles options, NumberBuffer& number, NumberFormatInfo info, Boolean parseDecimal) at System.Number.ParseInt32(String s, NumberStyles style, NumberFormatInfo info) at EnsekAutomationTest.UI.MVC.Controllers.EnergyController.Buy(FormCollection form) in C:\GIT\configurationTest\Test Application\EnsekAutomationTest.UI.MVC\Controllers\EnergyController.cs:line 81 at lambda\_method(Closure , ControllerBase , Object[] ) at System.Web.Mvc.ActionMethodDispatcher.Execute(ControllerBase controller, Object[] parameters) at System.Web.Mvc.ReflectedActionDescriptor.Execute(ControllerContext controllerContext, IDictionary`2 parameters) at System.Web.Mvc.ControllerActionInvoker.InvokeActionMethod(ControllerContext controllerContext, ActionDescriptor actionDescriptor, IDictionary`2 parameters) at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c.<BeginInvokeSynchronousActionMethod>b\_\_9\_0(IAsyncResult asyncResult, ActionInvocation innerInvokeState) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResult`2.CallEndDelegate(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResultBase`1.End() at System.Web.Mvc.Async.AsyncControllerActionInvoker.EndInvokeActionMethod(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c\_\_DisplayClass11\_0.<InvokeActionMethodFilterAsynchronouslyRecursive>b\_\_0() at System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c\_\_DisplayClass11\_2.<InvokeActionMethodFilterAsynchronouslyRecursive>b\_\_2() at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c\_\_DisplayClass7\_0.<BeginInvokeActionMethodWithFilters>b\_\_1(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResult`1.CallEndDelegate(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResultBase`1.End() at System.Web.Mvc.Async.AsyncControllerActionInvoker.EndInvokeActionMethodWithFilters(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c\_\_DisplayClass3\_6.<BeginInvokeAction>b\_\_4() at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c\_\_DisplayClass3\_1.<BeginInvokeAction>b\_\_1(IAsyncResult asyncResult)