

## Feature requests

- implement strain (*will start soon*)
- implement piezoelectricity (*will start soon*)
- implement pyroelectricity (*will start soon*)

CHECK: Is this feature still available?

### ElectricField

The electric field is calculated from the potential drop per period. It is also required for calculating the IV characteristics. It has to be different from zero. It is the initial field for calculating the electronic basis states.

*CHECK: <!-- Potential drop per period: required for calculating a single voltage --> CHECK: Is a single voltage still possible. There were some input file changes regarding SweepType*

```
<ElectricField>
  <pot_drop unit="mV"> 200 </pot_drop>
</ElectricField>
```

From:

<https://nextnano-docu.northeurope.cloudapp.azure.com/dokuwiki/> - **nextnano.NEGF - Software for Quantum Transport**

Permanent link:

[https://nextnano-docu.northeurope.cloudapp.azure.com/dokuwiki/doku.php?id=qcl:feature\\_requests&rev=1487623941](https://nextnano-docu.northeurope.cloudapp.azure.com/dokuwiki/doku.php?id=qcl:feature_requests&rev=1487623941)

Last update: **2017/02/20 20:52**