```
def corr_lhf(lhf, qs, fac=1.3, time=time_vec(), timesteps_in_year=8766):
    """ lhf: simulated latent heat flux (LHF) from MAR
        qs: saturation specific humidity corresponding to simulate surface temperature
        fac: Average bias of simulated LHF compared to eddy covariance measurements in all summers 2016-2019
        time: time vector in hourly resolution
        timesteps_in_year: average number of timesteps per year in simulation
    """
    x_orig=np.arange(12) # 12 months
    x_new=np.linspace(0,11,timesteps_in_year) # 12 months equally split into model temporal resolution
    qs=seas([qs], time=time)[0] # seasonal average of qs
    rqs=((1/qs)-np.nanmax(1/qs)) # inverse of qs minus seasonal maximum of the inverse to normalize to 1 on summer
    m=1/np.mean(rqs[5:7])*np.tile(intp(rqs, x_orig, x_new),int(np.ceil(len(lhf)/timesteps_in_year)))[:len(lhf)]
    b=fac/np.mean(qs[5:7])*np.tile(intp(qs, x_orig, x_new),int(np.ceil(len(lhf)/timesteps_in_year)))[:len(lhf)]
    return m*lhf+b
```